

DIFFERENTIAL INDICATORS

**CLOGGING
INDICATORS**



D DIFFERENTIAL PRESSURE INDICATORS

Differential pressure indicators are used on the Pressure line to check the efficiency of the filter element.

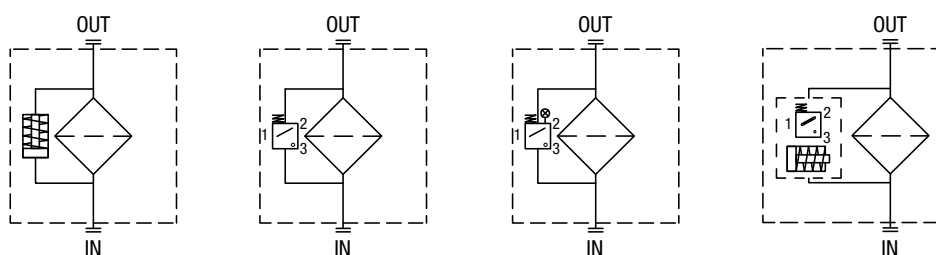
They measure the pressure upstream and downstream of the filter element (differential pressure).

Standard items are produced with special connection G 1/2" size.

Also available in Stainless Steel models. Differential pressure indicators are identified in the Hydraulic Filtration catalogue and in the Quick Reference Guide table by the letter "D"

Example:

D DVA20xP01





DESIGNATION, ORDERING CODES & TECHNICAL DATA

INDEX

CLOGGING INDICATORS ORDERING CODES	Page
RETURN FILTERS INDICATORS	3
RETURN / SUCTION FILTERS INDICATORS	4
SPIN-ON FILTERS INDICATORS	5
LOW & MEDIUM PRESSURE FILTERS INDICATORS	6
HIGH PRESSURE FILTERS INDICATORS	7
STAINLESS STEEL HIGH PRESSURE FILTERS INDICATORS	8
FILTERS FOR POTENTIALLY EXPLOSIVE ATMOSPHERE INDICATORS	9

TECHNICAL DATA DIFFERENTIAL INDICATORS			
DEA*50	10	DEX*50	15
DEH*48	10	DEZ*50	15
DEH*49	10	DLA*51 - DLA*52	16
DEH*70	11	DLA*71	16
DEM*F10	11	DLE*A50	16
DEM*F20	11	DLE*F50	17
DEM*F30	12	DLX*51 - DLX*52	17
DEM*F35	12	DLZ*51 - DLZ*52	17
DEM*A10	12	DTA*F70	18
DEM*A20	13	DVA	18
DEM*A30	13	DVM	18
DEM*A35	13	DVS	19
DES*10	14	DVX	19
DES*30	14	DVY	19
DES*80	14	DVZ	20
DEU*50 UL	15		

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

Filter Series	DEA	DEM	DEU	DES	DLA	DLE	DTA	DVA	DVM	DVS
RFEX	-	-	-	-	-	-	-	-	-	-
MPFX	-	-	-	-	-	-	-	-	-	-
MPLX	•	•	•	-	•	•	•	•	•	-
MPTX	-	-	-	-	-	-	-	-	-	-
MFBX	-	-	-	-	-	-	-	-	-	-
MPF	-	-	-	-	-	-	-	-	-	-
MPT	-	-	-	-	-	-	-	-	-	-
MFB	-	-	-	-	-	-	-	-	-	-
MDH	-	-	-	•	-	-	-	-	-	•
MPH	-	-	-	-	-	-	-	-	-	-
MPI	-	-	-	-	-	-	-	-	-	-
FRI (all sizes, except 255)	•	•	•	-	•	•	•	•	•	-
FRI 255	-	-	-	-	-	-	-	-	-	-
RF2	-	-	-	-	-	-	-	-	-	-

DIFFERENTIAL PRESSURE INDICATORS

Series				Configuration example 1:												Configuration example 2:		Configuration example 3:		Configuration example 4:		Configuration example 5:		UL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
DE Electrical differential pressure indicator				DE	M	20	H	F	50	P01	DE		U	50	V	A	50	P01	DV		M	20	V																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								</

PLUGS

Series	Configuration example		T2	H
T2 Plug				
T4 Plug				
Seals	T2	T4		
A NBR	-	•		
H HNBR	•	-		
V FPM	•	-		

Certifications	DEU	OTHERS
Without	-	•
UL UL certification	•	-

DIFFERENTIAL CLOGGING INDICATORS RETURN/SUCTION FILTERS

Designation & Ordering code

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

Filter Series	DEA	DEM	DEU	DLA	DLE	DTA	DVA	DVM
MRSX	-	-	-	-	-	-	-	-
LMP124	•	•	•	•	•	•	•	•

DIFFERENTIAL PRESSURE INDICATORS

Series	Configuration example 1:										Configuration example 2:		Configuration example 3:		Configuration example 4:		Configuration example 5:		UL
DE Electrical differential pressure indicator	DE	M	12	H	F	50	P01			DE	U	50	V	A	50	P01			
DL Electrical/Visual differential pressure indicator	DL	E	20	V	A	71	P01			DL	E	20	V	A	71	P01			
DT Electronic differential pressure indicator	DT	A	50	H	F	70	P01			DT	A	50	H	F	70	P01			
DV Visual differential pressure indicator	DV	M	70	V			P01			DV	M	70	V			P01			
Type	DE	DL	DT	DV															
A Standard type	•	•	•	A	With automatic reset														
M With wired electrical connection	•	-	-	M	With manual reset														
U Standard type 210 bar, UL certified	•	-	-																
E For high power supply	-	•	-																
Pressure setting	DEA	DEM	DEU	DLA	DLE	DTA	DVA	DVM											
20 2.0 bar	•	•	•	•	•	•	•	•											
Seals	DEA	DEM	DEU	DLA	DLE	DTA	DVA	DVM											
H HNBR	•	•	-	•	•	•	•	•											
V FPM	•	•	•	•	•	•	•	•											
Thermostat	DEA	DEM	DEU	DLA	DLE	DT													
A Without thermostat		•	•	•	•	•	-												
F With thermostat		-	•	-	-	•	•												
Electrical connections	DEA	DEM	DEU	DLA	DLE	DT													
10 Connection AMP Superseal series 1.5	-	•	-	-	-	-													
20 Connection AMP Timer Junior	-	•	-	-	-	-													
30 Connection Deutsch DT-04-2-P	-	•	-	-	-	-													
35 Connection Deutsch DT-04-3-P	-	•	-	-	-	-													
50 Connection EN 175301-803	•	-	•	-	•	-													
51 Connection EN 175301-803, transparent base with lamps 24 Vdc	-	-	-	•	-	-													
52 Connection EN 175301-803, transparent base with lamps 110 Vdc	-	-	-	•	-	-													
70 Connection IEC 61076-2-101 D (M12)	-	-	-	-	-	•													
71 Connection IEC 61076-2-101 D (M12), black base with lamps 24 Vdc	-	-	-	•	-	-													
								Option											
								P01	MP Filtri standard										
								Pxx	Customized										
Certifications								DEU	OTHERS										
Without								-	•										
UL UL certification								•	-										

PLUGS

Series	Configuration example	
T2 Plug	T2	H
Seals		
H HNBR		
V FPM		

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

Filter Series	DEA	DEM	DEU	DLA	DLE	DTA	DVA	DVM
MPS	•	•	•	•	•	•	•	•

DIFFERENTIAL PRESSURE INDICATORS

Series				Configuration example 1:							Configuration example 2:		Configuration example 3:		Configuration example 4:		Configuration example 5:		UL
DE Electrical differential pressure indicator				DE		U		50		V		A		50		P01			
DL Electrical/Visual differential pressure indicator				DL		E		20		V		A		71		P01			
DT Electronic differential pressure indicator				DT		A		50		H		F		70		P01			
DV Visual differential pressure indicator				DV		M		70		V						P01			
Type	DE	DL	DT	DV															
A Standard type	•	•	•	A With automatic reset															
M With wired electrical connection	•	-	-	M With manual reset															
U Standard type 210 bar, UL certified	•	-	-																
E For high power supply	-	•	-																
Pressure setting	DEA	DEM	DEU	DLA	DLE	DTA	DVA	DVM											
12 1.2 bar	•	•	-	•	•	•	•	•											
20 2.0 bar	•	•	•	•	•	•	•	•											
Seals	DEA	DEM	DEU	DLA	DLE	DTA	DVA	DVM											
H HNBR	•	•	-	•	•	•	•	•											
V FPM	•	•	•	•	•	•	•	•											
Thermostat	DEA	DEM	DEU	DLA	DLE	DT													
A Without thermostat		•	•	•	•	•	-												
F With thermostat		-	•	-	-	•	•												
Electrical connections	DEA	DEM	DEU	DLA	DLE	DT													
10 Connection AMP Superseal series 1.5	-	•	-	-	-	-													
20 Connection AMP Timer Junior	-	•	-	-	-	-													
30 Connection Deutsch DT-04-2-P	-	•	-	-	-	-													
35 Connection Deutsch DT-04-3-P	-	•	-	-	-	-													
50 Connection EN 175301-803	•	-	•	-	•	-													
51 Connection EN 175301-803, transparent base with lamps 24 Vdc	-	-	-	•	-	-													
52 Connection EN 175301-803, transparent base with lamps 110 Vdc	-	-	-	•	-	-													
70 Connection IEC 61076-2-101 D (M12)	-	-	-	-	-	•													
71 Connection IEC 61076-2-101 D (M12), black base with lamps 24 Vdc	-	-	-	•	-	-													
Option																			
P01	MP Filtri standard																		
Pxx	Customized																		
Certifications		DEU	OTHERS																
Without		-	•																
UL	UL certification	•	-																

PLUGS

Series	Configuration example T2 H									
T2 Plug										
Seals										
H HNBR										
V FPM										

DIFFERENTIAL CLOGG.INDIC. LOW & MEDIUM PRESS. FILTERS

Designation & Ordering code

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

Filter Series	DEA	DEM	DEU	DES	DLA	DLE	DTA	DVA	DVM	DVS
LFEX	-	-	-	•	-	-	-	-	-	•
LPH 630	•	•	•	-	•	•	•	•	•	-
LMP 110	•	•	•	-	•	•	•	•	•	-
LMP 112 / 123 MULTIPOINT	•	•	•	-	•	•	•	•	•	-
LMP 210 - 211	•	•	•	-	•	•	•	•	•	-
LMP 400 - 401	•	•	•	-	•	•	•	•	•	-
LMP 430 - 431	•	•	•	-	•	•	•	•	•	-
LMP 950 - 951	•	•	•	-	•	•	•	•	•	-
LMP 952 - 953 - 954	•	•	•	-	•	•	•	•	•	-
LMD 211	•	•	•	-	•	•	•	•	•	-
LMD 400 - 401 & 431	•	•	•	-	•	•	•	•	•	-
LMD 951	•	•	•	-	•	•	•	•	•	-
LDP-LDD	•	•	•	-	•	•	•	•	•	-
LMP 900 - 901	•	•	•	-	•	•	•	•	•	-
LMP 902 - 903	•	•	•	-	•	•	•	•	•	-

DIFFERENTIAL PRESSURE INDICATORS

Series	Configuration example 1:	DE	M	20	H	F	50	P01	
DE Electrical differential pressure indicator	Configuration example 2:	DE	U	50	V	A	50	P01	UL
DL Electrical/Visual differential pressure indicator	Configuration example 3:	DL	E	50	V	A	71	P01	
DT Electronic differential pressure indicator	Configuration example 4:	DT	A	20	H	F	70	P01	
DV Visual differential pressure indicator	Configuration example 5:	DV	M	50	V			P01	

Type	DE	DL	DT	DV
A Standard type	•	•	•	A With automatic reset
M With wired electrical connection	•	-	-	M With manual reset
U Standard type 210 bar, UL certified	•	-	-	S With automatic reset
E For high power supply	-	•	-	
S Compact version	•	-	-	

Pressure setting	DEA	DEM	DEU	DES	DLA	DLE	DTA	DVA	DVM	DVS
12 1.2 bar	•	•	-	•	•	•	•	•	•	•
20 2.0 bar	•	•	•	-	•	•	•	•	•	-
25 2.5 bar	-	-	-	-	-	-	-	-	-	•
40 4.0 bar	-	-	-	•	-	-	-	-	-	•
50 5.0 bar	•	•	•	-	•	•	•	•	•	-

Seals	DEA	DEM	DEU	DES	DL	DT	DVA	DVM	DVS
H HNBR	•	•	-	•	•	•	•	•	•
V FPM	•	•	•	-	•	•	•	•	-

Thermostat	DEA	DEM	DEU	DES	DLA	DLE	DT
A Without thermostat	•	•	•	•	•	•	-
F With thermostat	-	•	-	-	-	•	•

Electrical connections	DEA	DEM	DEU	DES	DLA	DLE	DT	Option
10 Connection AMP Superseal series 1.5	-	•	-	•	-	-	-	
20 Connection AMP Timer Junior	-	•	-	-	-	-	-	
30 Connection Deutsch DT-04-2-P	-	•	-	•	-	-	-	
35 Connection Deutsch DT-04-3-P	-	•	-	-	-	-	-	
50 Connection EN 175301-803	•	-	•	-	-	•	-	
51 Connection EN 175301-803, transparent base with lamps 24 Vdc	-	-	-	-	•	-	-	
52 Connection EN 175301-803, transparent base with lamps 110 Vdc	-	-	-	-	•	-	-	
70 Connection IEC 61076-2-101 D (M12)	-	-	-	-	-	-	•	
71 Connection IEC 61076-2-101 D (M12), black base with lamps 24 Vdc	-	-	-	-	•	-	-	P01 MP Filtri standard
80 Connection Stud #10-32 UNF	-	-	-	•	-	-	-	Pxx Customized

PLUGS

Series	Configuration example			T2	H
T2 Plug					
T4 Plug					
	Seals	T2	T4		
A	NBR	-	●		
H	HNBR	●	-		
V	FPM	●	-		

Certifications	DEU	OTHERS
Without	-	•
UL UL certification	•	-

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

Filter Series	DEA	DEM	DEU	DLA	DLE	DTA	DVA	DVM
FMMX	•	•	•	•	•	•	•	•
FMM	•	•	•	•	•	•	•	•
FHA	•	•	•	•	•	•	•	•
FMP 039	•	•	•	•	•	•	•	•
FMP	•	•	•	•	•	•	•	•
FHP	•	•	•	•	•	•	•	•
FHM	•	•	•	•	•	•	•	•
FHB	•	•	•	•	•	•	•	•
FHF	•	•	•	•	•	•	•	•
FHD	•	•	•	•	•	•	•	•
HPB	-	-	-	-	-	-	-	-

DIFFERENTIAL PRESSURE INDICATORS

Series				Configuration example 1:									
DE Electrical differential pressure indicator				Configuration example 2:		DE	U	50	V	A	50	P01	UL
DL Electrical/Visual differential pressure indicator				Configuration example 3:		DL	E	20	V	A	71	P01	
DT Electronic differential pressure indicator				Configuration example 4:		DT	A	50	H	F	70	P01	
DV Visual differential pressure indicator				Configuration example 5:		DV	M	70	V			P01	
Type	DE	DL	DT	DV									
A Standard type	•	•	•	A	With automatic reset								
M With wired electrical connection	•	-	-	M	With manual reset								
U Standard type 210 bar, UL certified	•	-	-										
E For high power supply	-	•	-										
Pressure setting				DEA	DEM	DEU	DLA	DLE	DTA	DVA	DVM		
50	5.0 bar			•	•	•	•	•	•	•	•		
70	7.0 bar			•	•	•	•	•	•	•	•		
95	9.5 bar			•	•	-	•	•	•	•	•		
Seals				DEA	DEM	DEU	DLA	DLE	DTA	DVA	DVM		
H	HNBR			•	•	-	•	•	•	•	•		
V	FPM			•	•	•	•	•	•	•	•		
Thermostat				DEA	DEM	DEU	DLA	DLE	DT				
A	Without thermostat			•	•	•	•	•	-				
F	With thermostat			-	•	-	-	•	•				
Electrical connections				DEA	DEM	DEU	DLA	DLE	DT				
10	Connection AMP Superseal series 1.5			-	•	-	-	-	-				
20	Connection AMP Timer Junior			-	•	-	-	-	-				
30	Connection Deutsch DT-04-2-P			-	•	-	-	-	-				
35	Connection Deutsch DT-04-3-P			-	•	-	-	-	-				
50	Connection EN 175301-803			•	-	•	-	•	-				
51	Connection EN 175301-803, transparent base with lamps 24 Vdc			-	-	-	•	-	-				
52	Connection EN 175301-803, transparent base with lamps 110 Vdc			-	-	-	•	-	-				
70	Connection IEC 61076-2-101 D (M12)			-	-	-	-	-	•				
71	Connection IEC 61076-2-101 D (M12), black base with lamps 24 Vdc			-	-	-	•	-	-				
Option													
P01 MP Filtri standard													
Pxx Customized													
Certifications				DEU	OTHERS								
Without				-	•								
UL	UL certification			•	-								

PLUGS

Series	Configuration example	T2	H
T2 Plug			
Seals			
H HNBR			
V FPM			

STAINLESS STEEL HIGH PRESSURE FILTERS

Designation & Ordering code

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

Filter Series	DEX	DEZ	DLX	DLZ	DVX	DVY	DVZ
FZP	•	-	•	-	•	•	-
FZH	-	•	-	•	-	-	•
FZX	-	-	-	-	-	-	-
FZM	•	-	•	-	•	•	-
FZB	•	-	•	-	•	•	-
FZD	•	-	•	-	•	•	-

DIFFERENTIAL PRESSURE INDICATORS

Series	Configuration example 1:	DE	Z	50	H	A	50	P01
DE Electrical differential pressure indicator	Configuration example 2:	DL	X	70	V	A	52	P01
DL Electrical / Visual differential pressure indicator								
DV Visual differential pressure indicator								
Type	DE	DL	DV					
X Stainless steel standard type 420 bar	•	•	•					
Y Stainless steel optional type 420 bar	-	-	•					
Z Stainless steel 700 bar (only for FZH)	•	•	•					
Pressure setting	DEX	DEZ	DL	DV				
50 5.0 bar	•	•	•	•				
70 7.0 bar	•	•	•	•				
95 9.5 bar	•	•	•	•				
Seals	DEX	DEZ	DL	DV				
H HNBR	•	•	•	•				
V FPM	-	-	•	•				
F MFQ	•	•	-	-				
Thermostat	DEX	DEZ	DL	DV				
A Without thermostat	•	•	•	-				
Electrical connections	DEX	DEZ	DL					
50 Connection EN 175301-803	•	•	-					
51 Connection EN 175301-803, transparent base with lamps 24 Vdc	-	-	•					
52 Connection EN 175301-803, transparent base with lamps 110 Vdc	-	-	•					
Option								
P01 MP Filtri standard								
Pxx Customized								

PLUGS

Series	Configuration example	X2	H
X2 Stainless Steel plug 420 bar			
X3 Stainless Steel plug 700 bar (only for FZH)			
Seals			
H HNBR			
V FPM			
F MFQ			

FILTERS FOR POTENTIALLY EXPLOSIVE ATMOSPHERE

Designation & Ordering code

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

Filter Series	DEH	DEX	DEZ	DVA	DVM	DVX	DVY	DVZ
FMMX	.	.	•	.	.	•	•	•
FZP	.	•	•	•	•	.	.	•
FZH 012	•	•	.	•	•	•	•	.
FZH 040	•	•	•	•	•	•	•	.
FZX	•	•	•	•	•	•	•	•

DIFFERENTIAL PRESSURE INDICATORS

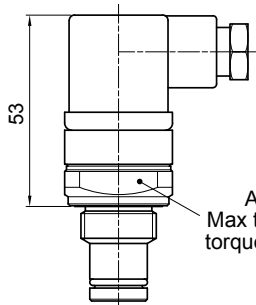
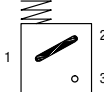
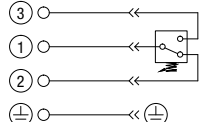
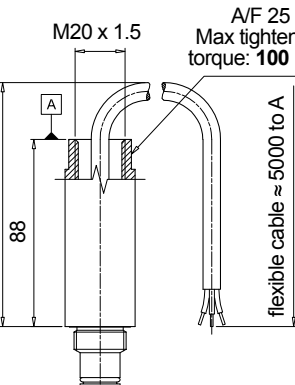
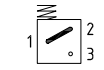
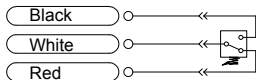
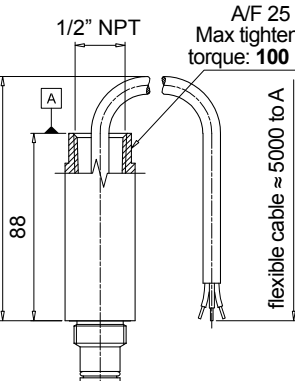
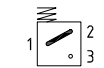
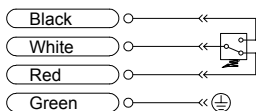
Series		Configuration example 1:													
DE Electrical differential pressure indicator		DE		H		50		F		A		48		P01	
DV Visual differential pressure indicator		DV		X		70		V						P01	
Type		DE	DV												
A	With automatic reset	-	•												
M	With manual reset	-	•												
H	Stainless steel hazardous area 420 bar	•	-												
X	Stainless steel standard type 420 bar	-	•												
Y	Stainless steel optional type 420 bar	-	•												
Pressure setting		DEH	DVA	DVM	DVX	DVY									
50	5.0 bar	•	•	•	•	•									
70	7.0 bar	•	•	•	•	•									
95	9.5 bar	-	•	•	•	•									
Seals		DEH	DVA	DVM	DVX	DVY									
H	HNBR	-	•	•	•	•									
V	FPM	•	•	•	•	•									
F	MFQ	•	-	-	-	-									
Thermostat		DEH													
A	Without thermostat	•													
T	With thermostat	-													
Electrical connections		DEH													
48	Connection via three-core cable - fitting M20x1.5	•													
49	Connection via four-core cable - fitting 1/2" NPT	•													
70	Connection IEC 61076-2-101 D (M12)	•													
Option															
P01		MP Filtri standard													
Pxx		Customized													

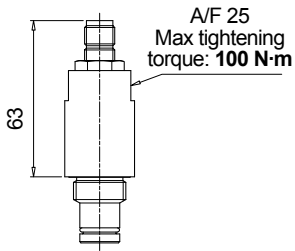
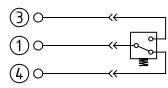
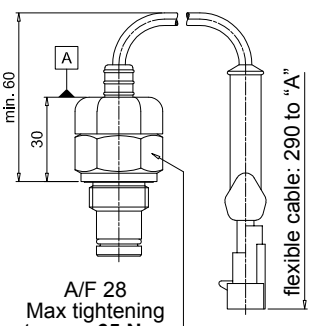
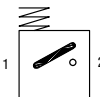
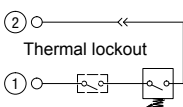
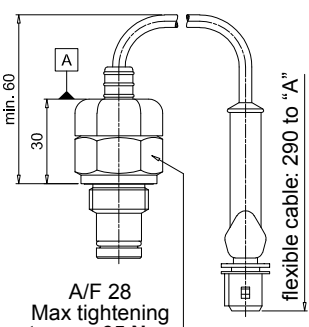
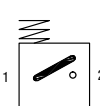
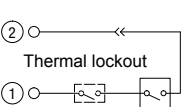
PLUGS

Series	Configuration example X2 H		
T2 Plug			
X2 Stainless Steel plug 420 bar			
X3 Stainless Steel plug 700 bar (only for FZH)			
Seals	T2	X2	X3
H HNBR	•	•	•
V FPM	•	•	•
F MFQ	-	•	•

DIFFERENTIAL PRESSURE INDICATORS

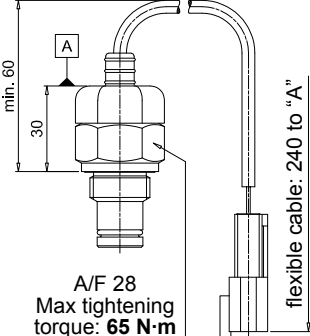
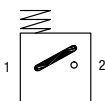
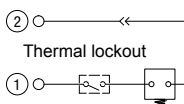
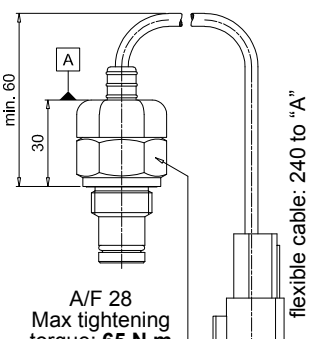
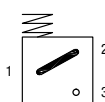
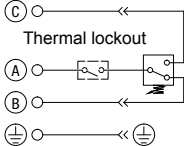
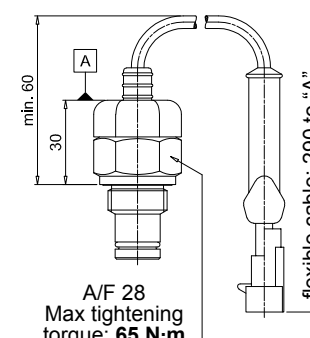
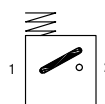
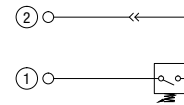
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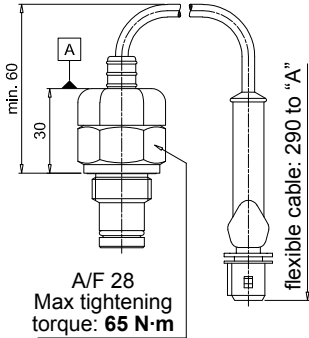
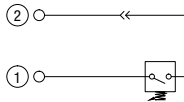
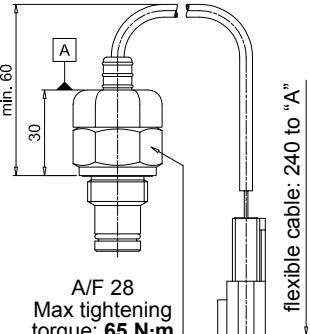
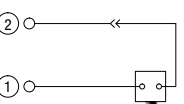
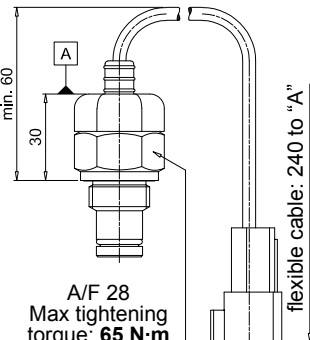
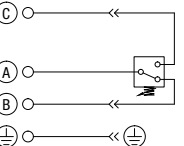
DEA*50 Electrical Differential Pressure Indicator Connection: EN 175301-803 <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE A 12 x A 50 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DE A 20 x A 50 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE A 50 x A 50 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE A 70 x A 50 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DE A 95 x A 50 P01</td></tr></table>  A/F 30 Max tightening torque: 65 N·m		Settings	Ordering code	1.2 bar ±10%	DE A 12 x A 50 P01	2.0 bar ±10%	DE A 20 x A 50 P01	5.0 bar ±10%	DE A 50 x A 50 P01	7.0 bar ±10%	DE A 70 x A 50 P01	9.5 bar ±10%	DE A 95 x A 50 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: - Base: - Contacts: - Seal: Brass Black polyamide Silver HNBR - FPM Technical data - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Degree protection: 420 bar 630 bar 1260 bar From -25 °C to +110 °C Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 IP66 according to EN 60529 IP69K according to ISO 20653 Electrical data - Electrical connection: - Resistive load: EN 175301-803 0.2 A / 115 Vdc
Settings	Ordering code														
1.2 bar ±10%	DE A 12 x A 50 P01														
2.0 bar ±10%	DE A 20 x A 50 P01														
5.0 bar ±10%	DE A 50 x A 50 P01														
7.0 bar ±10%	DE A 70 x A 50 P01														
9.5 bar ±10%	DE A 95 x A 50 P01														
DEH*48 Hazardous Area Electrical Differential Pressure Indicator Connection via three-core cable - fitting M20x1.5 <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>2.0 bar ±10%</td><td>DE H 20 x A 48 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE H 50 x A 48 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE H 70 x A 48 P01</td></tr></table>  A/F 25 Max tightening torque: 100 N·m flexible cable ≈ 5000 to A		Settings	Ordering code	2.0 bar ±10%	DE H 20 x A 48 P01	5.0 bar ±10%	DE H 50 x A 48 P01	7.0 bar ±10%	DE H 70 x A 48 P01	Hydraulic symbol  Electrical symbol   - Certification / Approvals: ATEX, IECEx, EAC TR CU, INMETRO - Certification included as standard	Materials - Body: - Contacts: - Seal: AISI 316L Rhodium FPM - MFQ Technical data - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Protection class: - Temperature class: - Degree of protection: - Connection type: - Contact type: 420 bar 630 bar 1260 bar From -60 °C to +125 °C Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 Ex Ia IIC T4/T6: intrinsically safe T4 (135 °C) and T6 (85 °C) IP 66/67/68 according to EN 60529 Three-core cable, fitting M20x1.5 SPCO/SPDT (Hermetically sealed - Volt-free contacts) Electrical data - Resistive Load: - Electrical Ratings: 830 mA / 24 Vdc - 180 mA / 110 Vac $U_i = 30$ Vdc / $I_i = 250$ mA / $P_i = 1.3$ W				
Settings	Ordering code														
2.0 bar ±10%	DE H 20 x A 48 P01														
5.0 bar ±10%	DE H 50 x A 48 P01														
7.0 bar ±10%	DE H 70 x A 48 P01														
DEH*49 Hazardous Area Electrical Differential Pressure Indicator Connection via four-core cable - fitting 1/2" NPT <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>2.0 bar ±10%</td><td>DE H 20 x A 49 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE H 50 x A 49 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE H 70 x A 49 P01</td></tr></table>  A/F 25 Max tightening torque: 100 N·m flexible cable ≈ 5000 to A		Settings	Ordering code	2.0 bar ±10%	DE H 20 x A 49 P01	5.0 bar ±10%	DE H 50 x A 49 P01	7.0 bar ±10%	DE H 70 x A 49 P01	Hydraulic symbol  Electrical symbol   - Certification / Approvals: ATEX, IECEx, EAC TR CU, INMETRO, UL/CSA Class I Division 1 Groups A-D, UL/CSA Class II Division 1 Groups E-G - Certification included as standard	Materials - Body: - Contacts: - Seal: AISI 316L Rhodium FPM - MFQ Technical data - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Protection class: - Temperature class: - Degree of protection: - Connection type: - Contact type: 420 bar 630 bar 1260 bar From -60 °C to +120 °C : ATEX, IECEx, EAC TR CU, INMETRO From -60 °C to +105 °C : UL/CSA Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 Ex d IIC T4/T6: flameproof T4 (135 °C) and T6 (85 °C) IP 66/67/68 according to EN 60529 Four-core cable, fitting 1/2" NPT SPCO/SPDT (Hermetically sealed - Volt-free contacts) Electrical data - Resistive Load: - Max voltage - Power 830 mA / 24 Vdc - 180 mA / 110 Vac 150 Vac/dc 20 W				
Settings	Ordering code														
2.0 bar ±10%	DE H 20 x A 49 P01														
5.0 bar ±10%	DE H 50 x A 49 P01														
7.0 bar ±10%	DE H 70 x A 49 P01														

DEH*70 Hazardous Area Electrical Differential Pressure Indicator Connection IEC 61076-2-101 D (M12) <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>2.0 bar ±10%</td><td>DE H 20 x A 70 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE H 50 x A 70 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE H 70 x A 70 P01</td></tr></table>  A/F 25 Max tightening torque: 100 N·m 63  Hydraulic symbol  Electrical symbol  - Certification / Approvals: ATEX, IECEx, EAC TR CU, INMETRO - Certification included as standard Materials - Body: AISI 316L with internal engineered resin switch - Contacts: Rhodium - Seal: FPM - MFQ Technical data - Max working pressure: 420 bar - Proof pressure: 630 bar - Burst pressure: 1260 bar - Working temperature: From -60 °C to +80 °C - Compatibility with fluids: Mineral oils, Synthetic fluids - Protection class: Ex Ia IIC T6: intrinsically safe - Temperature class: T6 (85 °C) - Degree of protection: IP 66/67 according to EN 60529 - Connection type: IEC 61076-2-101 D (M12) - Contact type: SPCO/SPDT (Hermetically sealed - Volt-free contacts) Electrical data - Connection IEC 61076-2-101 D (M12) - Resistive Load: 830 mA / 24 Vdc - 180 mA / 110 Vdc - Electrical Ratings: Ui = 30 Vdc Ii = 250 mA Pi = 1.3 W		Settings	Ordering code	2.0 bar ±10%	DE H 20 x A 70 P01	5.0 bar ±10%	DE H 50 x A 70 P01	7.0 bar ±10%	DE H 70 x A 70 P01						
Settings	Ordering code														
2.0 bar ±10%	DE H 20 x A 70 P01														
5.0 bar ±10%	DE H 50 x A 70 P01														
7.0 bar ±10%	DE H 70 x A 70 P01														
DEM*F10 Electrical Differential Pressure Indicator Connection: AMP Superseal series 1.5 <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE M 12 x F 10 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DE M 20 x F 10 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE M 50 x F 10 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE M 70 x F 10 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DE M 95 x F 10 P01</td></tr></table>  A/F 28 Max tightening torque: 65 N·m min. 60 30 flexible cable: 290 to "A"  Hydraulic symbol  Electrical symbol Materials - Body: Brass - Base: Black polyamide - Contacts: Silver - Seal: HNBR - FPM Technical data - Max working pressure: 420 bar - Proof pressure: 630 bar - Burst pressure: 1260 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids - Degree protection: HFB and HFC according to ISO 2943 - Degree protection: IP66 according to EN 60529 Electrical data - Electrical connection: AMP Superseal series 1.5 - Resistive load: 0.2 A / 115 Vdc - Switching type: Normally open contacts (NC on request) - Thermal lockout: Normally open up to 30 °C (option "F")		Settings	Ordering code	1.2 bar ±10%	DE M 12 x F 10 P01	2.0 bar ±10%	DE M 20 x F 10 P01	5.0 bar ±10%	DE M 50 x F 10 P01	7.0 bar ±10%	DE M 70 x F 10 P01	9.5 bar ±10%	DE M 95 x F 10 P01		
Settings	Ordering code														
1.2 bar ±10%	DE M 12 x F 10 P01														
2.0 bar ±10%	DE M 20 x F 10 P01														
5.0 bar ±10%	DE M 50 x F 10 P01														
7.0 bar ±10%	DE M 70 x F 10 P01														
9.5 bar ±10%	DE M 95 x F 10 P01														
DEM*F20 Electrical Differential Pressure Indicator AMP Time junior <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE M 12 x F 20 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DE M 20 x F 20 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE M 50 x F 20 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE M 70 x F 20 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DE M 95 x F 20 P01</td></tr></table>  A/F 28 Max tightening torque: 65 N·m min. 60 30 flexible cable: 290 to "A"  Hydraulic symbol  Electrical symbol Materials - Body: Brass - Base: Black polyamide - Contacts: Silver - Seal: HNBR - FPM Technical data - Max working pressure: 420 bar - Proof pressure: 630 bar - Burst pressure: 1260 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids - Degree protection: HFB and HFC according to ISO 2943 - Degree protection: IP66 according to EN 60529 Electrical data - Electrical connection: AMP Time junior - Resistive load: 0.2 A / 115 Vdc - Switching type: Normally open contacts (NC on request) - Thermal lockout: Normally open up to 30 °C (option "F")		Settings	Ordering code	1.2 bar ±10%	DE M 12 x F 20 P01	2.0 bar ±10%	DE M 20 x F 20 P01	5.0 bar ±10%	DE M 50 x F 20 P01	7.0 bar ±10%	DE M 70 x F 20 P01	9.5 bar ±10%	DE M 95 x F 20 P01		
Settings	Ordering code														
1.2 bar ±10%	DE M 12 x F 20 P01														
2.0 bar ±10%	DE M 20 x F 20 P01														
5.0 bar ±10%	DE M 50 x F 20 P01														
7.0 bar ±10%	DE M 70 x F 20 P01														
9.5 bar ±10%	DE M 95 x F 20 P01														

DIFFERENTIAL PRESSURE INDICATORS

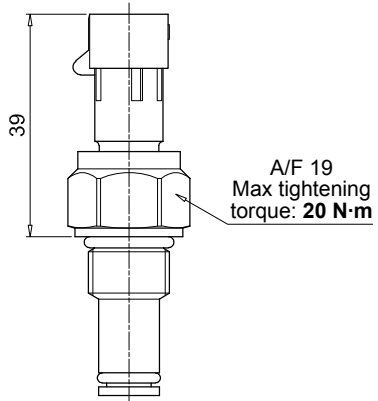
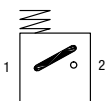
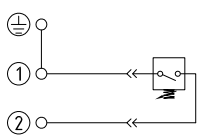
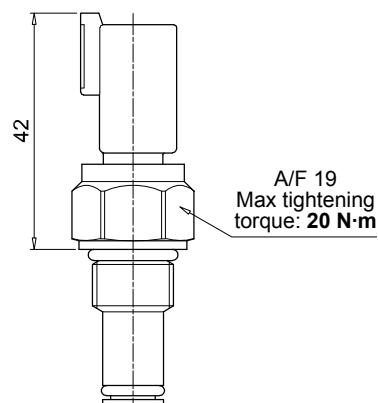
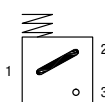
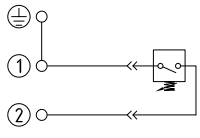
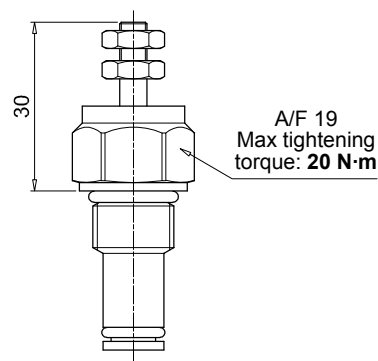
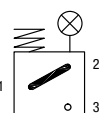
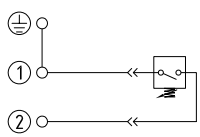
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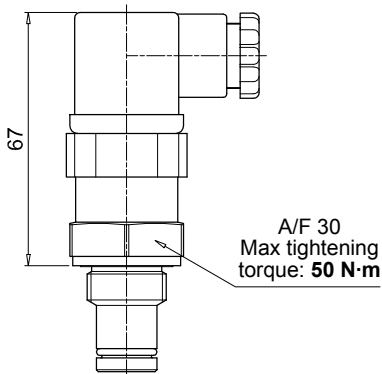
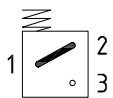
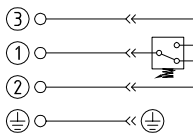
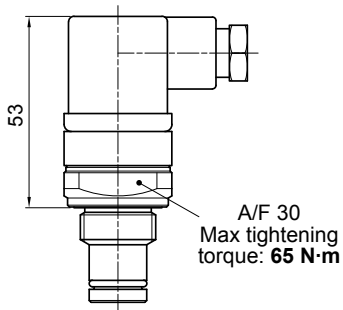
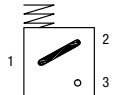
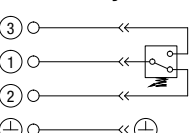
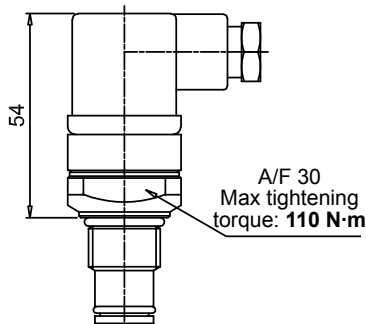
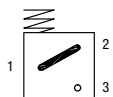
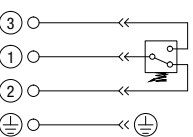
DEM*F30 Electrical Differential Pressure Indicator Deutsch DT-04-2-P <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE M 12 x F 30 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DE M 20 x F 30 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE M 50 x F 30 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE M 70 x F 30 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DE M 95 x F 30 P01</td></tr></table>  A/F 28 Max tightening torque: 65 N·m		Settings	Ordering code	1.2 bar ±10%	DE M 12 x F 30 P01	2.0 bar ±10%	DE M 20 x F 30 P01	5.0 bar ±10%	DE M 50 x F 30 P01	7.0 bar ±10%	DE M 70 x F 30 P01	9.5 bar ±10%	DE M 95 x F 30 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: Brass - Base: Black polyamide - Contacts: Silver - Seal: HNBR - FPM Technical data - Max working pressure: 420 bar - Proof pressure: 630 bar - Burst pressure: 1260 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 - Degree protection: IP66 according to EN 60529 Electrical data - Electrical connection: Deutsch DT-04-2-P - Resistive load: 0.2 A / 115 Vdc - Switching type: Normally open contacts (NC on request) - Thermal lockout: Normally open up to 30 °C (option "F")
Settings	Ordering code														
1.2 bar ±10%	DE M 12 x F 30 P01														
2.0 bar ±10%	DE M 20 x F 30 P01														
5.0 bar ±10%	DE M 50 x F 30 P01														
7.0 bar ±10%	DE M 70 x F 30 P01														
9.5 bar ±10%	DE M 95 x F 30 P01														
DEM*F35 Electrical Differential Pressure Indicator Deutsch DT-04-3-P <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE M 12 x F 35 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DE M 20 x F 35 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE M 50 x F 35 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE M 70 x F 35 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DE M 95 x F 35 P01</td></tr></table>  A/F 28 Max tightening torque: 65 N·m		Settings	Ordering code	1.2 bar ±10%	DE M 12 x F 35 P01	2.0 bar ±10%	DE M 20 x F 35 P01	5.0 bar ±10%	DE M 50 x F 35 P01	7.0 bar ±10%	DE M 70 x F 35 P01	9.5 bar ±10%	DE M 95 x F 35 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: Brass - Base: Black polyamide - Contacts: Silver - Seal: HNBR - FPM Technical data - Max working pressure: 420 bar - Proof pressure: 630 bar - Burst pressure: 1260 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 - Degree protection: IP66 according to EN 60529 Electrical data - Electrical connection: Deutsch DT-04-3-P - Resistive load: 0.2 A / 115 Vdc - Switching type: SPDT contact - Thermal lockout: Normally open up to 30 °C (option "F")
Settings	Ordering code														
1.2 bar ±10%	DE M 12 x F 35 P01														
2.0 bar ±10%	DE M 20 x F 35 P01														
5.0 bar ±10%	DE M 50 x F 35 P01														
7.0 bar ±10%	DE M 70 x F 35 P01														
9.5 bar ±10%	DE M 95 x F 35 P01														
DEM*A10 Electrical Differential Pressure Indicator Connection: AMP Superseal series 1.5 <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE M 12 x A 10 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DE M 20 x A 10 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE M 50 x A 10 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE M 70 x A 10 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DE M 95 x A 10 P01</td></tr></table>  A/F 28 Max tightening torque: 65 N·m		Settings	Ordering code	1.2 bar ±10%	DE M 12 x A 10 P01	2.0 bar ±10%	DE M 20 x A 10 P01	5.0 bar ±10%	DE M 50 x A 10 P01	7.0 bar ±10%	DE M 70 x A 10 P01	9.5 bar ±10%	DE M 95 x A 10 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: Brass - Base: Black polyamide - Contacts: Silver - Seal: HNBR - FPM Technical data - Max working pressure: 420 bar - Proof pressure: 630 bar - Burst pressure: 1260 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 - Degree protection: IP66 according to EN 60529 Electrical data - Electrical connection: AMP Superseal series 1.5 - Resistive load: 0.2 A / 115 Vdc - Switching type: Normally open contacts (NC on request)
Settings	Ordering code														
1.2 bar ±10%	DE M 12 x A 10 P01														
2.0 bar ±10%	DE M 20 x A 10 P01														
5.0 bar ±10%	DE M 50 x A 10 P01														
7.0 bar ±10%	DE M 70 x A 10 P01														
9.5 bar ±10%	DE M 95 x A 10 P01														

DEM*A20 Electrical Differential Pressure Indicator AMP Time junior <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE M 12 x A 20 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DE M 20 x A 20 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE M 50 x A 20 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE M 70 x A 20 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DE M 95 x A 20 P01</td></tr></table> 		Settings	Ordering code	1.2 bar ±10%	DE M 12 x A 20 P01	2.0 bar ±10%	DE M 20 x A 20 P01	5.0 bar ±10%	DE M 50 x A 20 P01	7.0 bar ±10%	DE M 70 x A 20 P01	9.5 bar ±10%	DE M 95 x A 20 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: - Base: - Contacts: - Seal: Brass Black polyamide Silver HNBR - FPM Technical data - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Degree protection: 420 bar 630 bar 1260 bar From -25 °C to +110 °C Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 IP66 according to EN 60529 Electrical data - Electrical connection: - Resistive load: - Switching type: AMP Time junior 0.2 A / 115 Vdc Normally open contacts (NC on request)
Settings	Ordering code														
1.2 bar ±10%	DE M 12 x A 20 P01														
2.0 bar ±10%	DE M 20 x A 20 P01														
5.0 bar ±10%	DE M 50 x A 20 P01														
7.0 bar ±10%	DE M 70 x A 20 P01														
9.5 bar ±10%	DE M 95 x A 20 P01														
DEM*A30 Electrical Differential Pressure Indicator Deutsch DT-04-2-P <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE M 12 x A 30 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DE M 20 x A 30 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE M 50 x A 30 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE M 70 x A 30 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DE M 95 x A 30 P01</td></tr></table> 		Settings	Ordering code	1.2 bar ±10%	DE M 12 x A 30 P01	2.0 bar ±10%	DE M 20 x A 30 P01	5.0 bar ±10%	DE M 50 x A 30 P01	7.0 bar ±10%	DE M 70 x A 30 P01	9.5 bar ±10%	DE M 95 x A 30 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: - Base: - Contacts: - Seal: Brass Black polyamide Silver HNBR - FPM Technical data - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Degree protection: 420 bar 630 bar 1260 bar From -25 °C to +110 °C Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 IP66 according to EN 60529 Electrical data - Electrical connection: - Resistive load: - Switching type: Deutsch DT-04-2-P 0.2 A / 115 Vdc Normally open contacts (NC on request)
Settings	Ordering code														
1.2 bar ±10%	DE M 12 x A 30 P01														
2.0 bar ±10%	DE M 20 x A 30 P01														
5.0 bar ±10%	DE M 50 x A 30 P01														
7.0 bar ±10%	DE M 70 x A 30 P01														
9.5 bar ±10%	DE M 95 x A 30 P01														
DEM*A35 Electrical Differential Pressure Indicator Deutsch DT-04-3-P <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE M 12 x A 35 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DE M 20 x A 35 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE M 50 x A 35 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE M 70 x A 35 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DE M 95 x A 35 P01</td></tr></table> 		Settings	Ordering code	1.2 bar ±10%	DE M 12 x A 35 P01	2.0 bar ±10%	DE M 20 x A 35 P01	5.0 bar ±10%	DE M 50 x A 35 P01	7.0 bar ±10%	DE M 70 x A 35 P01	9.5 bar ±10%	DE M 95 x A 35 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: - Base: - Contacts: - Seal: Brass Black polyamide Silver HNBR - FPM Technical data - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Degree protection: 420 bar 630 bar 1260 bar From -25 °C to +110 °C Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 IP66 according to EN 60529 Electrical data - Electrical connection: - Resistive load: - Switching type: Deutsch DT-04-3-P 0.2 A / 115 Vdc SPDT contact
Settings	Ordering code														
1.2 bar ±10%	DE M 12 x A 35 P01														
2.0 bar ±10%	DE M 20 x A 35 P01														
5.0 bar ±10%	DE M 50 x A 35 P01														
7.0 bar ±10%	DE M 70 x A 35 P01														
9.5 bar ±10%	DE M 95 x A 35 P01														

DIFFERENTIAL PRESSURE INDICATORS

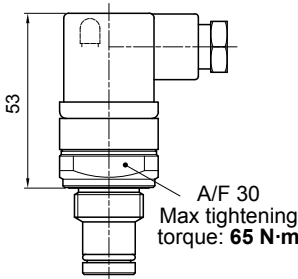
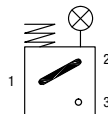
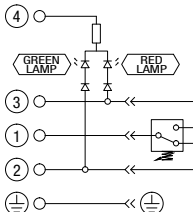
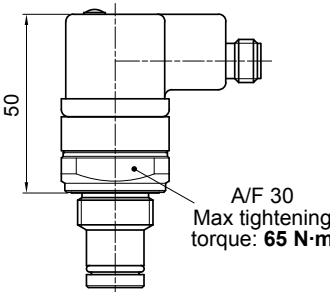
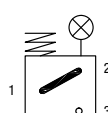
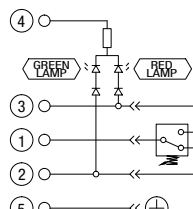
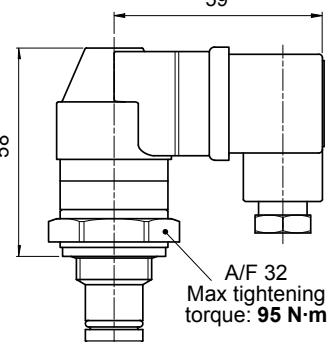
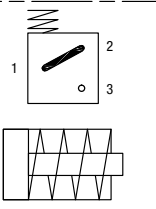
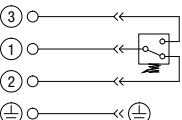
Dimensions

DES*10 Electrical Differential Pressure Indicator AMP Superseal series 1.5 <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE S 12 H A 10 P01</td></tr><tr><td>2.5 bar ±10%</td><td>DE S 25 H A 10 P01</td></tr><tr><td>4.0 bar ±10%</td><td>DE S 40 H A 10 P01</td></tr></table> 	Settings	Ordering code	1.2 bar ±10%	DE S 12 H A 10 P01	2.5 bar ±10%	DE S 25 H A 10 P01	4.0 bar ±10%	DE S 40 H A 10 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: Brass - Internal parts: Brass - Polyamide - Contacts: Silver - Seal: HNBR Technical data - Max working pressure: 16 bar - Proof pressure: 24 bar - Burst pressure: 48 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids - Degree protection: IP67 according to EN 60529 Electrical data - Electrical connection: AMP Superseal series 1.5 - Resistive load: 0.2 A / 24 Vdc - Switching type: Normally open contacts (NC on request)
Settings	Ordering code									
1.2 bar ±10%	DE S 12 H A 10 P01									
2.5 bar ±10%	DE S 25 H A 10 P01									
4.0 bar ±10%	DE S 40 H A 10 P01									
DES*30 Electrical Differential Pressure Indicator Deutsch DT-04-2-P <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE S 12 H A 30 P01</td></tr><tr><td>2.5 bar ±10%</td><td>DE S 25 H A 30 P01</td></tr><tr><td>4.0 bar ±10%</td><td>DE S 40 H A 30 P01</td></tr></table> 	Settings	Ordering code	1.2 bar ±10%	DE S 12 H A 30 P01	2.5 bar ±10%	DE S 25 H A 30 P01	4.0 bar ±10%	DE S 40 H A 30 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: Brass - Internal parts: Brass - Polyamide - Contacts: Silver - Seal: HNBR Technical data - Max working pressure: 16 bar - Proof pressure: 24 bar - Burst pressure: 48 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids - Degree protection: IP67 according to EN 60529 Electrical data - Electrical connection: Deutsch DT-04-2-P - Resistive load: 0.2 A / 24 Vdc - Switching type: Normally open contacts (NC on request)
Settings	Ordering code									
1.2 bar ±10%	DE S 12 H A 30 P01									
2.5 bar ±10%	DE S 25 H A 30 P01									
4.0 bar ±10%	DE S 40 H A 30 P01									
DES*80 Electrical Differential Pressure Indicator Stud #10-32 UNF <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE S 12 H A 80 P01</td></tr><tr><td>2.5 bar ±10%</td><td>DE S 25 H A 80 P01</td></tr><tr><td>4.0 bar ±10%</td><td>DE S 40 H A 80 P01</td></tr></table> 	Settings	Ordering code	1.2 bar ±10%	DE S 12 H A 80 P01	2.5 bar ±10%	DE S 25 H A 80 P01	4.0 bar ±10%	DE S 40 H A 80 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: Brass - Internal parts: Brass - Polyamide - Contacts: Silver - Seal: HNBR Technical data - Max working pressure: 16 bar - Proof pressure: 24 bar - Burst pressure: 48 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids - Degree protection: IP67 according to EN 60529 Electrical data - Electrical connection: Stud #10-32 UNF - Resistive load: 0.2 A / 24 Vdc - Switching type: Normally open contacts (NC on request)
Settings	Ordering code									
1.2 bar ±10%	DE S 12 H A 80 P01									
2.5 bar ±10%	DE S 25 H A 80 P01									
4.0 bar ±10%	DE S 40 H A 80 P01									

DEU*50 UL Electrical Differential Pressure Indicator Connection EN 175301-803 <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>2.0 bar ±10%</td><td>DE U 20 V A 50 P01 UL</td></tr><tr><td>5.0 bar ±10%</td><td>DE U 50 V A 50 P01 UL</td></tr><tr><td>7.0 bar ±10%</td><td>DE U 70 V A 50 P01 UL</td></tr></table>  67 A/F 30 Max tightening torque: 50 N·m  - Certification: UL - Certification included as standard	Settings	Ordering code	2.0 bar ±10%	DE U 20 V A 50 P01 UL	5.0 bar ±10%	DE U 50 V A 50 P01 UL	7.0 bar ±10%	DE U 70 V A 50 P01 UL	Hydraulic symbol  Electrical symbol 	Materials - Body: Brass - Base: Black Polyamide - Contacts: Silver - Seal: FPM Technical data - Max working pressure: 210 bar - Proof pressure: 220 bar - Burst pressure: 880 bar - Working temperature: From -25 °C to +85 °C - Compatibility with fluids: Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 - Degree protection: IP65 according to EN 60529 Electrical data - Electrical connection: EN 175301-803 - Resistive load: 3 A / 30 Vdc 3 A / 125 Vac 3 (3) A / 250 Vac				
Settings	Ordering code													
2.0 bar ±10%	DE U 20 V A 50 P01 UL													
5.0 bar ±10%	DE U 50 V A 50 P01 UL													
7.0 bar ±10%	DE U 70 V A 50 P01 UL													
DEX*50 Electrical Differential Pressure Indicator Connection: EN 175301-803 <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE X 12 x A 50 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DE X 20 x A 50 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE X 50 x A 50 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE X 70 x A 50 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DE X 95 x A 50 P01</td></tr></table>  53 A/F 30 Max tightening torque: 65 N·m	Settings	Ordering code	1.2 bar ±10%	DE X 12 x A 50 P01	2.0 bar ±10%	DE X 20 x A 50 P01	5.0 bar ±10%	DE X 50 x A 50 P01	7.0 bar ±10%	DE X 70 x A 50 P01	9.5 bar ±10%	DE X 95 x A 50 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: AISI 316L - Base: Black polyamide - Contacts: Silver - Seal: HNBR - MFQ Technical data - Max working pressure: 420 bar - Proof pressure: 630 bar - Burst pressure: 1260 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 - Degree protection: IP66 according to EN 60529 IP69K according to ISO 20653 Electrical data - Electrical connection: EN 175301-803 - Resistive load: 0.2 A / 115 Vdc
Settings	Ordering code													
1.2 bar ±10%	DE X 12 x A 50 P01													
2.0 bar ±10%	DE X 20 x A 50 P01													
5.0 bar ±10%	DE X 50 x A 50 P01													
7.0 bar ±10%	DE X 70 x A 50 P01													
9.5 bar ±10%	DE X 95 x A 50 P01													
DEZ*50 Electrical Differential Pressure Indicator Connection: EN 175301-803 <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE Z 12 x A 50 P01</td></tr><tr><td>2.5 bar ±10%</td><td>DE Z 25 x A 50 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE Z 50 x A 50 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE Z 70 x A 50 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DE Z 95 x A 50 P01</td></tr></table>  54 A/F 30 Max tightening torque: 110 N·m	Settings	Ordering code	1.2 bar ±10%	DE Z 12 x A 50 P01	2.5 bar ±10%	DE Z 25 x A 50 P01	5.0 bar ±10%	DE Z 50 x A 50 P01	7.0 bar ±10%	DE Z 70 x A 50 P01	9.5 bar ±10%	DE Z 95 x A 50 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: AISI 316L - Base: Black polyamide - Contacts: Silver - Seal: HNBR - MFQ Technical data - Max working pressure: 700 bar - Proof pressure: 1050 bar - Burst pressure: 2100 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids HFA, HFB, HFC according to ISO 2943 - Degree protection: IP66 according to EN 60529 IP69K according to ISO 20653 Electrical data - Electrical connection: EN 175301-803 - Resistive load: 0.2 A / 115 Vdc
Settings	Ordering code													
1.2 bar ±10%	DE Z 12 x A 50 P01													
2.5 bar ±10%	DE Z 25 x A 50 P01													
5.0 bar ±10%	DE Z 50 x A 50 P01													
7.0 bar ±10%	DE Z 70 x A 50 P01													
9.5 bar ±10%	DE Z 95 x A 50 P01													

DIFFERENTIAL PRESSURE INDICATORS

Dimensions

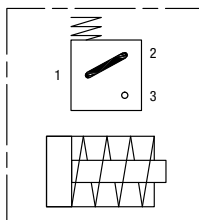
DLA*51 - DLA*52 Electrical/Visual Differential Pressure Indicator Connection: EN 175301-803 51: Transparent base with lamps 24 Vdc 52: Transparent base with lamps 110 Vdc <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DL A 12 x A xx P01</td></tr><tr><td>2.0 bar ±10%</td><td>DL A 20 x A xx P01</td></tr><tr><td>5.0 bar ±10%</td><td>DL A 50 x A xx P01</td></tr><tr><td>7.0 bar ±10%</td><td>DL A 70 x A xx P01</td></tr><tr><td>9.5 bar ±10%</td><td>DL A 95 x A xx P01</td></tr></table> 		Settings	Ordering code	1.2 bar ±10%	DL A 12 x A xx P01	2.0 bar ±10%	DL A 20 x A xx P01	5.0 bar ±10%	DL A 50 x A xx P01	7.0 bar ±10%	DL A 70 x A xx P01	9.5 bar ±10%	DL A 95 x A xx P01	Hydraulic symbol  Electrical symbol 	Materials - Body: - Base: - Contacts: - Seal: Brass Transparent polyamide Silver HNBR - FPM Technical data - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Degree protection: 420 bar 630 bar 1260 bar From -25 °C to +110 °C Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 IP66 according to EN 60529 IP69K according to ISO 20653 Electrical data - Electrical connection: - Type - Lamps - Resistive load: EN 175301-803 5152 24 Vdc110 Vdc 1 A / 24 Vdc1 A / 110 Vdc
Settings	Ordering code														
1.2 bar ±10%	DL A 12 x A xx P01														
2.0 bar ±10%	DL A 20 x A xx P01														
5.0 bar ±10%	DL A 50 x A xx P01														
7.0 bar ±10%	DL A 70 x A xx P01														
9.5 bar ±10%	DL A 95 x A xx P01														
DLA*71 Electrical/Visual Differential pressure indicator Connection IEC 61076-2-101 D (M12), black base with lamps 24 Vdc <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DL A 12 x A 71 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DL A 20 x A 71 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DL A 50 x A 71 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DL A 70 x A 71 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DL A 95 x A 71 P01</td></tr></table> 		Settings	Ordering code	1.2 bar ±10%	DL A 12 x A 71 P01	2.0 bar ±10%	DL A 20 x A 71 P01	5.0 bar ±10%	DL A 50 x A 71 P01	7.0 bar ±10%	DL A 70 x A 71 P01	9.5 bar ±10%	DL A 95 x A 71 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: - Base: - Contacts: - Seal: Brass Black polyamide Silver HNBR - FPM Technical data - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Degree protection: 420 bar 630 bar 1260 bar From -25 °C to +110 °C Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 IP65 according to EN 60529 IP69K according to ISO 20653 Electrical data - Electrical connection: - Lamps - Resistive load: IEC 61076-2-101 D (M12) 24 Vdc (black base) 0.4 A / 24 Vdc
Settings	Ordering code														
1.2 bar ±10%	DL A 12 x A 71 P01														
2.0 bar ±10%	DL A 20 x A 71 P01														
5.0 bar ±10%	DL A 50 x A 71 P01														
7.0 bar ±10%	DL A 70 x A 71 P01														
9.5 bar ±10%	DL A 95 x A 71 P01														
DLE*A50 Electrical/Visual Differential Pressure Indicator Without term. Connections: EN 175301-803 <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DL E 12 x A 50 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DL E 20 x A 50 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DL E 50 x A 50 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DL E 70 x A 50 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DL E 95 x A 50 P01</td></tr></table> 		Settings	Ordering code	1.2 bar ±10%	DL E 12 x A 50 P01	2.0 bar ±10%	DL E 20 x A 50 P01	5.0 bar ±10%	DL E 50 x A 50 P01	7.0 bar ±10%	DL E 70 x A 50 P01	9.5 bar ±10%	DL E 95 x A 50 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: - Base: - Contacts: - Seal: Brass Black polyamide Silver HNBR - FPM Technical data - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Degree protection: 420 bar 630 bar 1260 bar From -25 °C to +110 °C Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 IP65 according to EN 60529 Electrical data - Electrical connections: - Resistive load: - Available the connector with lamps EN 175301-803 5 A / 250 Vac
Settings	Ordering code														
1.2 bar ±10%	DL E 12 x A 50 P01														
2.0 bar ±10%	DL E 20 x A 50 P01														
5.0 bar ±10%	DL E 50 x A 50 P01														
7.0 bar ±10%	DL E 70 x A 50 P01														
9.5 bar ±10%	DL E 95 x A 50 P01														

DLE*F50
Electrical/Visual Differential Pressure Indicator
 With term. Connections: EN 175301-803

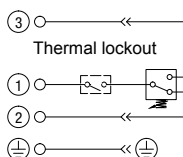
Settings	Ordering code
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2.0 bar $\pm 10\%$	DL E 20 x F 50 P01
5.0 bar $\pm 10\%$	DL E 50 x F 50 P01
7.0 bar $\pm 10\%$	DL E 70 x F 50 P01
9.5 bar $\pm 10\%$	DL E 95 x F 50 P01

A/F 32
Max tightening torque: 95 N·m

Hydraulic symbol



Electrical symbol



Materials

- Body: Brass
- Base: Black polyamide
- Contacts: Silver
- Seal: HNBR - FPM

Technical data

- Max working pressure: 420 bar
- Proof pressure: 630 bar
- Burst pressure: 1260 bar
- Working temperature: From -25 °C to +110 °C
- Compatibility with fluids: Mineral oils, Synthetic fluids
HFB and HFC according to ISO 2943
- Degree protection: IP65 according to EN 60529

Electrical data

- Electrical connections: EN 175301-803
- Resistive load: 5 A / 250 Vac
- Thermal lockout setting: +30 °C

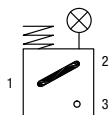
DLX*51 - DLX*52
Electrical/Visual Differential Pressure Indicator
 Connection: EN 175301-803

51: Transparent base with lamps 24 Vdc
 52: Transparent base with lamps 110 Vdc

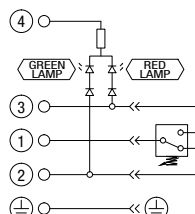
Settings	Ordering code
1.2 bar $\pm 10\%$	DL X 12 x A 5x P01
2.0 bar $\pm 10\%$	DL X 20 x A 5x P01
5.0 bar $\pm 10\%$	DL X 50 x A 5x P01
7.0 bar $\pm 10\%$	DL X 70 x A 5x P01
9.5 bar $\pm 10\%$	DL X 95 x A 5x P01

A/F 30
Max tightening torque: 65 N·m

Hydraulic symbol



Electrical symbol



Materials

- Body: AISI 316L
- Base: Transparent polyamide
- Contacts: Silver
- Seal: HNBR - MFQ

Technical data

- Max working pressure: 420 bar
- Proof pressure: 630 bar
- Burst pressure: 1260 bar
- Working temperature: From -25 °C to +110 °C
- Compatibility with fluids: Mineral oils, Synthetic fluids
HFB and HFC according to ISO 2943
- Degree protection: IP66 according to EN 60529
IP69K according to ISO 20653

Electrical data

- Electrical connection: EN 175301-803
- Type: 51 52
- Lamps: 24 Vdc 110 Vdc
- Resistive load: 1 A / 24 Vdc 1 A / 110 Vdc

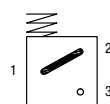
DLZ*51 - DLZ*52
Electrical/Visual Differential Pressure Indicator
 Connection: EN 175301-803

51: Transparent base with lamps 24 Vdc
 52: Transparent base with lamps 110 Vdc

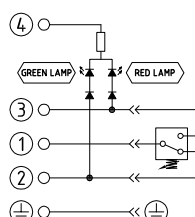
Settings	Ordering code
1.2 bar $\pm 10\%$	DL Z 12 x A 5x P01
2.5 bar $\pm 10\%$	DL Z 25 x A 5x P01
5.0 bar $\pm 10\%$	DL Z 50 x A 5x P01
7.0 bar $\pm 10\%$	DL Z 70 x A 5x P01
9.5 bar $\pm 10\%$	DL Z 95 x A 5x P01

A/F 30
Max tightening torque: 110 N·m

Hydraulic symbol



Electrical symbol



Materials

- Body: AISI 316L
- Base: Transparent polyamide
- Contacts: Silver
- Seal: HNBR - MFQ

Technical data

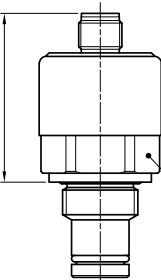
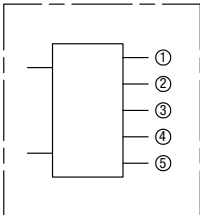
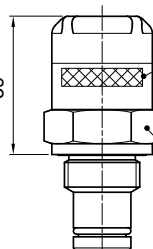
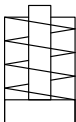
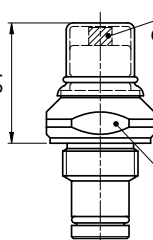
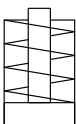
- Max working pressure: 700 bar
- Proof pressure: 1050 bar
- Burst pressure: 2100 bar
- Working temperature: From -25 °C to +110 °C
- Compatibility with fluids: Mineral oils, Synthetic fluids
HFB and HFC according to ISO 2943
- Degree protection: IP66 according to EN 60529
IP69K according to ISO 20653

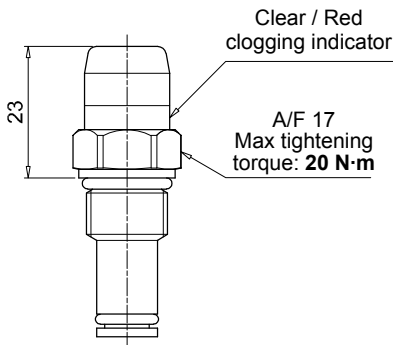
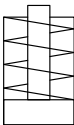
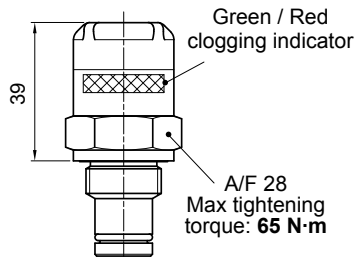
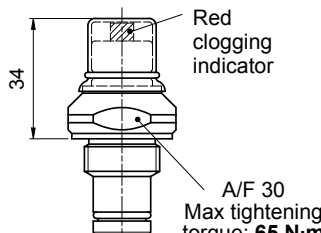
Electrical data

- Electrical connection: EN 175301-803
- Type: 51 52
- Lamps: 24 Vdc 110 Vdc
- Resistive load: 1 A / 24 Vdc 1 A / 110 Vdc

DIFFERENTIAL PRESSURE INDICATORS

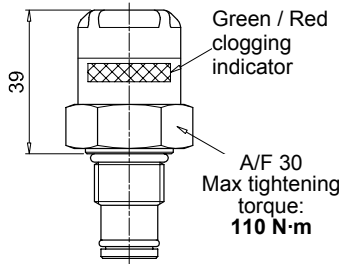
Dimensions

DTA*F70 Electronic Differential Pressure Indicator Connection: IEC 61076-2-101 D (M12) <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DT A 12 x F 70 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DT A 20 x F 70 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DT A 50 x F 70 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DT A 70 x F 70 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DT A 95 x F 70 P01</td></tr></table> 47  A/F 30 Max tightening torque: 50 N·m		Settings	Ordering code	1.2 bar ±10%	DT A 12 x F 70 P01	2.0 bar ±10%	DT A 20 x F 70 P01	5.0 bar ±10%	DT A 50 x F 70 P01	7.0 bar ±10%	DT A 70 x F 70 P01	9.5 bar ±10%	DT A 95 x F 70 P01	Hydraulic symbol  Electrical symbol <table><tr><td>①</td><td>○</td><td>○</td><td>+24 Vdc</td></tr><tr><td>②</td><td>○</td><td>○</td><td>4 ÷ 20 mA</td></tr><tr><td>③</td><td>○</td><td>○</td><td>75% - N.O. Digital output</td></tr><tr><td>④</td><td>○</td><td>○</td><td>100% - N.O. Digital output</td></tr><tr><td>⑤</td><td>○</td><td>○</td><td>0 Vdc</td></tr></table>	①	○	○	+24 Vdc	②	○	○	4 ÷ 20 mA	③	○	○	75% - N.O. Digital output	④	○	○	100% - N.O. Digital output	⑤	○	○	0 Vdc	Materials - Body: - Internal parts: - Contacts: - Seal: Brass Brass - Polyamide Silver HNBR - FPM Technical data - Max working pressure: - Proof pressure: - Burst pressure: - Compatibility with fluids: - Degree protection: 420 bar 630 bar 1260 bar Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 IP67 according to EN 60529 Electrical data - Electrical connection: - Power supply: - Analogue output: - Thermal lockout: IEC 61076-2-101 D (M12) 24 Vdc From 4 to 20 mA 30 °C (all output signals stalled up to 30 °C)
Settings	Ordering code																																		
1.2 bar ±10%	DT A 12 x F 70 P01																																		
2.0 bar ±10%	DT A 20 x F 70 P01																																		
5.0 bar ±10%	DT A 50 x F 70 P01																																		
7.0 bar ±10%	DT A 70 x F 70 P01																																		
9.5 bar ±10%	DT A 95 x F 70 P01																																		
①	○	○	+24 Vdc																																
②	○	○	4 ÷ 20 mA																																
③	○	○	75% - N.O. Digital output																																
④	○	○	100% - N.O. Digital output																																
⑤	○	○	0 Vdc																																
DVA Visual Differential Pressure Indicator <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DV A 12 x P01</td></tr><tr><td>2.0 bar ±10%</td><td>DV A 20 x P01</td></tr><tr><td>5.0 bar ±10%</td><td>DV A 50 x P01</td></tr><tr><td>7.0 bar ±10%</td><td>DV A 70 x P01</td></tr><tr><td>9.5 bar ±10%</td><td>DV A 95 x P01</td></tr></table> 39  Green / Red clogging indicator A/F 28 Max tightening torque: 65 N·m		Settings	Ordering code	1.2 bar ±10%	DV A 12 x P01	2.0 bar ±10%	DV A 20 x P01	5.0 bar ±10%	DV A 50 x P01	7.0 bar ±10%	DV A 70 x P01	9.5 bar ±10%	DV A 95 x P01	Hydraulic symbol 	Materials - Body: - Internal parts: - Seal: Brass Brass - Polyamide HNBR - FPM Technical data - Reset: - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Degree protection: Automatic reset 420 bar 630 bar 1260 bar From -25 °C to +110 °C Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 IP65 according to EN 60529																				
Settings	Ordering code																																		
1.2 bar ±10%	DV A 12 x P01																																		
2.0 bar ±10%	DV A 20 x P01																																		
5.0 bar ±10%	DV A 50 x P01																																		
7.0 bar ±10%	DV A 70 x P01																																		
9.5 bar ±10%	DV A 95 x P01																																		
DVM Visual Differential Pressure Indicator <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DV M 12 x P01</td></tr><tr><td>2.0 bar ±10%</td><td>DV M 20 x P01</td></tr><tr><td>5.0 bar ±10%</td><td>DV M 50 x P01</td></tr><tr><td>7.0 bar ±10%</td><td>DV M 70 x P01</td></tr><tr><td>9.5 bar ±10%</td><td>DV M 95 x P01</td></tr></table> 34  Red clogging indicator A/F 30 Max tightening torque: 65 N·m		Settings	Ordering code	1.2 bar ±10%	DV M 12 x P01	2.0 bar ±10%	DV M 20 x P01	5.0 bar ±10%	DV M 50 x P01	7.0 bar ±10%	DV M 70 x P01	9.5 bar ±10%	DV M 95 x P01	Hydraulic symbol 	Materials - Body: - Internal parts: - Seal: Brass Brass - Polyamide HNBR - FPM Technical data - Reset: - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Degree protection: Manual reset 420 bar 630 bar 1260 bar From -25 °C to +110 °C Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 IP65 according to EN 60529																				
Settings	Ordering code																																		
1.2 bar ±10%	DV M 12 x P01																																		
2.0 bar ±10%	DV M 20 x P01																																		
5.0 bar ±10%	DV M 50 x P01																																		
7.0 bar ±10%	DV M 70 x P01																																		
9.5 bar ±10%	DV M 95 x P01																																		

DVS Visual Differential Pressure Indicator <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DV S 12 H P01</td></tr><tr><td>2.5 bar ±10%</td><td>DV S 25 H P01</td></tr><tr><td>4.0 bar ±10%</td><td>DV S 40 H P01</td></tr></table>  Clear / Red clogging indicator A/F 17 Max tightening torque: 20 N·m	Settings	Ordering code	1.2 bar ±10%	DV S 12 H P01	2.5 bar ±10%	DV S 25 H P01	4.0 bar ±10%	DV S 40 H P01	Hydraulic symbol 	Materials - Body: Brass - Internal parts: Brass - Polyamide - Seal: HNBR Technical data - Reset: Automatic reset - Max working pressure: 16 bar - Proof pressure: 24 bar - Burst pressure: 48 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 - Degree protection: IP67 according to EN 60529				
Settings	Ordering code													
1.2 bar ±10%	DV S 12 H P01													
2.5 bar ±10%	DV S 25 H P01													
4.0 bar ±10%	DV S 40 H P01													
DVX Visual Differential Pressure Indicator <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DV X 12 x P01</td></tr><tr><td>2.0 bar ±10%</td><td>DV X 20 x P01</td></tr><tr><td>5.0 bar ±10%</td><td>DV X 50 x P01</td></tr><tr><td>7.0 bar ±10%</td><td>DV X 70 x P01</td></tr><tr><td>9.5 bar ±10%</td><td>DV X 95 x P01</td></tr></table>  Green / Red clogging indicator A/F 28 Max tightening torque: 65 N·m	Settings	Ordering code	1.2 bar ±10%	DV X 12 x P01	2.0 bar ±10%	DV X 20 x P01	5.0 bar ±10%	DV X 50 x P01	7.0 bar ±10%	DV X 70 x P01	9.5 bar ±10%	DV X 95 x P01	Hydraulic symbol 	Materials - Body: AISI 316L - Internal parts: AISI 316L - Polyamide - Seal: HNBR - MFQ Technical data - Reset: Automatic reset - Max working pressure: 420 bar - Proof pressure: 630 bar - Burst pressure: 1260 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 - Degree protection: IP65 according to EN 60529
Settings	Ordering code													
1.2 bar ±10%	DV X 12 x P01													
2.0 bar ±10%	DV X 20 x P01													
5.0 bar ±10%	DV X 50 x P01													
7.0 bar ±10%	DV X 70 x P01													
9.5 bar ±10%	DV X 95 x P01													
DVY Visual Differential Pressure Indicator <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DV Y 12 x P01</td></tr><tr><td>2.0 bar ±10%</td><td>DV Y 20 x P01</td></tr><tr><td>5.0 bar ±10%</td><td>DV Y 50 x P01</td></tr><tr><td>7.0 bar ±10%</td><td>DV Y 70 x P01</td></tr><tr><td>9.5 bar ±10%</td><td>DV Y 95 x P01</td></tr></table>  Red clogging indicator A/F 30 Max tightening torque: 65 N·m	Settings	Ordering code	1.2 bar ±10%	DV Y 12 x P01	2.0 bar ±10%	DV Y 20 x P01	5.0 bar ±10%	DV Y 50 x P01	7.0 bar ±10%	DV Y 70 x P01	9.5 bar ±10%	DV Y 95 x P01	Hydraulic symbol 	Materials - Body: AISI 316L - Internal parts: AISI 316L - Polyamide - Seal: HNBR - MFQ Technical data - Reset: Manual reset - Max working pressure: 420 bar - Proof pressure: 630 bar - Burst pressure: 1260 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 - Degree protection: IP65 according to EN 60529
Settings	Ordering code													
1.2 bar ±10%	DV Y 12 x P01													
2.0 bar ±10%	DV Y 20 x P01													
5.0 bar ±10%	DV Y 50 x P01													
7.0 bar ±10%	DV Y 70 x P01													
9.5 bar ±10%	DV Y 95 x P01													

DIFFERENTIAL PRESSURE INDICATORS

Dimensions

DVZ		Hydraulic symbol	Materials - Body: AISI 316L - Internal parts: AISI 316L - Polyamide - Seal: HNBR - MFQ Technical data - Reset: Automatic reset - Max working pressure: 700 bar - Proof pressure: 1050 bar - Burst pressure: 2100 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 - Degree protection: IP65 according to EN 60529
Visual Differential Pressure Indicator			
Settings	Ordering code		
1.2 bar ±10%	DV Z 12 x P01		
2.5 bar ±10%	DV Z 25 x P01		
5.0 bar ±10%	DV Z 50 x P01		
7.0 bar ±10%	DV Z 70 x P01		
9.5 bar ±10%	DV Z 95 x P01		
			

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