

DIFFERENTIAL PRESSURE INDICATORS

**CLOGGING
INDICATORS**



D DIFFERENTIAL PRESSURE INDICATORS

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

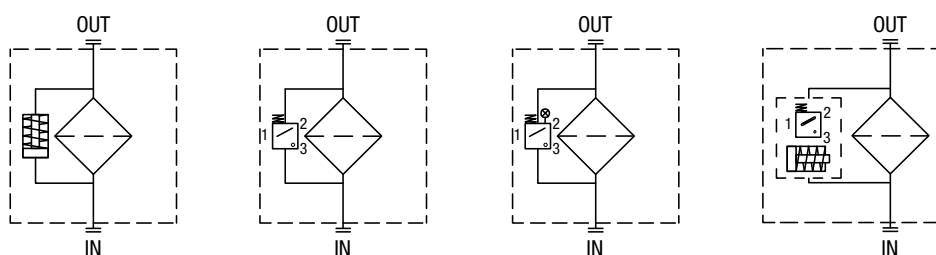
They measure the pressure upstream and downstream of the filter element (differential pressure).

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

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DEM*F35	14	DLZ*51 - DLZ*52	20
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DEM*A20	15	DTI*70	20
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APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

Filter Series	DEA	DEM	DEU	DES	DLA	DLE	DTA	DTI	DVA	DVM	DVS
RFEX	-	-	-	-	-	-	-	-	-	-	-
MPFX	-	-	-	-	-	-	-	-	-	-	-
MPLX	•	•	•	-	•	•	•	•	•	•	-
MPTX	-	-	-	-	-	-	-	-	-	-	-
MFBX	-	-	-	-	-	-	-	-	-	-	-
MDHC	-	-	-	•	-	-	-	-	-	-	•
MPHC	-	-	-	-	-	-	-	-	-	-	-
MPIC	-	-	-	-	-	-	-	-	-	-	-
FRIC (all sizes, except 255)	•	•	•	-	•	•	•	•	•	•	-
FRIC 255	-	-	-	-	-	-	-	-	-	-	-
RFMC	-	-	-	-	-	-	-	-	-	-	-

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																											
DL Electrical/Visual differential pressure indicator	DL	E	20	V	A	71	P01											DL	E	20	V	A	71	P01																											
DT Electrical differential pressure indicator	DT	A	20	H	F	70	P01											DT	A	20	H	F	70	P01																											
DV Visual differential pressure indicator	DV	M	20	V			P01											DV	M	20	V			P01																											
Type	DE	DL	DT	DV																																															
A Standard type	•	•	•	A	With automatic reset																																														
I I-O Link type	-	-	•	M	With manual reset																																														
M With wired electrical connection	•	-	-	S	With automatic reset																																														
U Standard type 210 bar, UL certified	•	-	-																																																
E For high power supply	-	•	-																																																
S Compact version	•	-	-																																																
Pressure setting	DEA	DEM	DEU	DES	DL	DT	DVA	DVM	DVS																																										
12 1.2 bar	-	-	-	•	-	-	-	-	•																																										
20 2.0 bar	•	•	•	-	•	•	•	•	-																																										
25 2.5 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	DTA	DTI																																											
A Without thermostat	•	•	•	•	•	•	•	-	•																																										
F With thermostat	-	•	-	-	-	-	•	•	-																																										
Electrical connections	DEA	DEM	DEU	DES	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	-	-	-	-	•	-	-																																												
80 Connection Stud #10-32 UNF	-	-	-	•	-	-	-																																												
								Option																																											
								P01	MP Filtri standard																																										
								Pxx	Customized																																										

PLUGS

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

Certifications	DEU	OTHERS
Without	-	•
UL UL certification	•	-

Designation & Ordering code

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

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

DIFFERENTIAL PRESSURE INDICATORS

Series	Configuration example 1:										Configuration example 2:		Configuration example 3:		Configuration example 4:		Configuration example 5:	
DE Electrical differential pressure indicator	DE	M	12	H	F	50	P01			DE	U	50	V	A	50	P01	UL	
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				
I I-O Link type	-	-	•	M	With manual reset				
M With wired electrical connection	•	-	-						
U Standard type 210 bar, UL certified	•	-	-						
E For high power supply	-	•	-						

Pressure setting	DEA	DEM	DEU	DLA	DLE	DT	DVA	DVM
20 2.0 bar	•	•	•	•	•	•	•	•

Seals	DEA	DEM	DEU	DLA	DLE	DT	DVA	DVM
H HNBR	•	•	-	•	•	•	•	•
V FPM	•	•	•	•	•	•	•	•

Thermostat	DEA	DEM	DEU	DLA	DLE	DTA	DTI
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		

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

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

DIFFERENTIAL PRESSURE INDICATORS

Series	Configuration example 1:	DE	M	12	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	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					
I I-O Link type	-	-	•	M With manual reset					
M With wired electrical connection	•	-	-						
U Standard type 210 bar, UL certified	•	-	-						
E For high power supply	-	•	-						
Pressure setting	DEA	DEM	DEU	DLA	DLE	DT	DVA	DVM	
12 1.2 bar	•	•	-	•	•	•	•	•	
20 2.0 bar	•	•	•	•	•	•	•	•	
Seals	DEA	DEM	DEU	DLA	DLE	DT	DVA	DVM	
H HNBR	•	•	-	•	•	•	•	•	
V FPM	•	•	•	•	•	•	•	•	
Thermostat	DEA	DEM	DEU	DLA	DLE	DTA	DTI		
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			

Designation & Ordering code

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

Filter Series	DEA	DEM	DEU	DES *10-*30-*80	DES *50	DLA	DLE	DTA	DTI	DVA	DVM	DVS
HFEX	-	-	-	-	•	-	-	-	-	-	-	•
LFEX	-	-	-	•	•	-	-	-	-	-	-	•
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	•	•	•	-	-	•	•	•	•	•	•	-
LPH 630	•	•	•	-	-	•	•	•	•	•	•	-

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													
DL Electrical/Visual differential pressure indicator	DL	E	50	V	A	71	P01			DL	E	50	V	A	71	P01													
DT Electronic differential pressure indicator	DT	A	20	H	F	70	P01			DT	A	20	H	F	70	P01													
DV Visual differential pressure indicator	DV	M	50	V			P01			DV	M	50	V			P01													
Type	DE	DL	DT	DV																									
A Standard type	•	•	•	A	With automatic reset																								
I I-O Link type	-	-	•	M	With manual reset																								
M With wired electrical connection	•	-	-	S	With automatic reset																								
U Standard type 210 bar, UL certified	•	-	-																										
E For high power supply	-	•	-																										
S Compact version	•	-	-																										
Pressure setting	DEA	DEM	DEU	DES	DLA	DLE	DTA	DTI	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	DTA	DTI																					
A Without thermostat	•	•	•	•	•	•	-	•																					
F With thermostat	-	•	-	-	-	•	•	-																					
Electrical connections	DEA	DEM	DEU	DES	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	-	-	-	-	•	-	-																						
80 Connection Stud #10-32 UNF	-	-	-	•	-	-	-																						
PLUGS										Certifications																			
Series	Example:	T2	H	Seals		T2	T4																						
T2 Plug				A	NBR	-	•																						
T4 Plug				H	HNBR	•	-																						
				V	FPM	•	-																						
										Without																			
										UL	UL certification	•																	

Option
P01 MP Filtri standard
Pxx Customized

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

Filter Series	DEA	DEM	DLA	DLE	DTA	DTI	DVA	DVM
MLPX	•	•	•	•	•	•	•	•
MLPC	•	•	•	•	•	•	•	•
MLDX	•	•	•	•	•	•	•	•
MLDC	•	•	•	•	•	•	•	•

DIFFERENTIAL PRESSURE INDICATORS

Series	Configuration example 1:									
DE Electrical differential pressure indicator	Configuration example 2:									
DL Electrical/Visual differential pressure indicator	Configuration example 3:									
DT Electronic differential pressure indicator	Configuration example 4:									
DV Visual differential pressure indicator	Configuration example 5:									
	DE	M	20	H	F	50	P01			
	DT	I	50	V	A	70	P01			
	DL	E	50	V	A	71	P01			
	DT	A	20	H	F	70	P01			
	DV	M	50	V			P01			
Type	DE	DL	DT	DV						
A Standard type	•	•	•	A With automatic reset						
I I-O Link type	-	-	•	M With manual reset						
M With wired electrical connection	•	-	-							
E For high power supply	-	•	-							
Pressure setting	DEA	DEM	DLA	DLE	DTA	DTI	DVA	DVM		
12 1.2 bar	•	•	•	•	•	•	•	•		
20 2.0 bar	•	•	•	•	•	•	•	•		
25 2.5 bar	-	-	-	-	-	-	-	-		
40 4.0 bar	-	-	-	-	-	-	-	-		
50 5.0 bar	•	•	•	•	•	•	•	•		
Seals	DEA	DEM	DL	DT	DVA	DVM				
H HNBR		•	•	•	•	•	•			
V FPM		•	•	•	•	•	•			
Thermostat	DEA	DEM	DLA	DLE	DTA	DTI				
A Without thermostat	•	•	•	•	-	•				
F With thermostat	-	•	-	•	•	-				
Electrical connections	DEA	DEM	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										

PLUGS

Series	Example:	T2	H
T2 Plug			
Seals			
A NBR	-		
H HNBR	•		
V FPM	•		

DIFF. PRESS. INDICATORS

HIGH PRESSURE FILTERS

Designation & Ordering code

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

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

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														
I	I-O Link type	-	-	•	M With manual reset														
M	With wired electrical connection	•	-	-															
U	Standard type 210 bar, UL certified	•	-	-															
E	For high power supply	-	•	-															
Pressure setting	DEA	DEM	DEU	DLA	DLE	DT	DVA	DVM											
50	5.0 bar	•	•	•	•	•	•	•											
70	7.0 bar	•	•	•	•	•	•	•											
95	9.5 bar	•	•	-	•	•	•	•											
Seals	DEA	DEM	DEU	DLA	DLE	DT	DVA	DVM											
H	HNBR	•	•	-	•	•	•	•											
V	FPM	•	•	•	•	•	•	•											
Thermostat	DEA	DEM	DEU	DLA	DLE	DTA	DTI												
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																			
Without																			
UL UL certification																			

PLUGS

PLUGS

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

DIFFERENTIAL PRESSURE INDICATORS

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				

DIFFERENTIAL PRESSURE INDICATORS

FILTERS FOR POTENTIALLY EXPLOSIVE ATMOSPHERE

Designation & Ordering code

APPLICABLE DIFFERENTIAL PRESSURE INDICATORS BY FILTER SERIES

Filter Series	DEH	DVA	DVM	DVX	DVY	DVZ
FMMX	•	•	•	-	-	-
FZP	•	-	-	•	•	-
FZH	-	-	-	-	-	•
FZX	-	-	-	-	-	-

DIFFERENTIAL PRESSURE INDICATORS

Series	Configuration example 1: DEH50FA48P01									
DE Electrical differential pressure indicator	Configuration example 2: DVX70V									
DV Visual differential pressure indicator										
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	-	•								
Z Stainless steel standard type 700 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	•									
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										

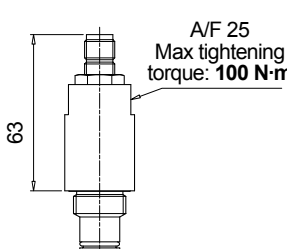
PLUGS

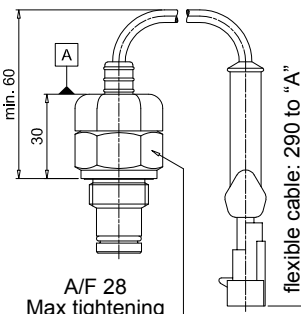
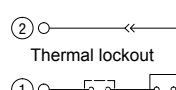
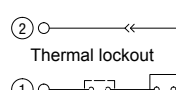
Series	Configuration example X2 H		
T2 Plug			
X2 Stainless Steel plug 420 bar			
X3 Stainless Steel plug 700 bar (only for FZH)			
Seals	T2	X2	X3
H HNBR	•	•	•
V FPM	•	•	•
F MFQ	-	•	•

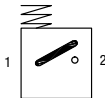
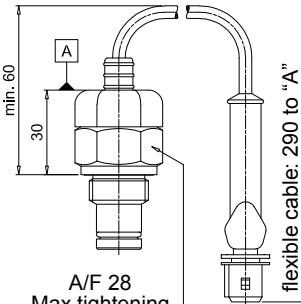
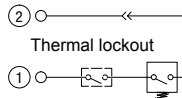
DIFFERENTIAL PRESSURE INDICATORS

Dimensions

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: 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 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 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 - 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 - Certification included as standard	Materials - Body: AISI 316L - Contacts: Rhodium - Seal: FPM - MFQ Technical data - Max working pressure: 420 bar - Proof pressure: 630 bar - Burst pressure: 1260 bar - Compatibility with fluids: Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 - Temperature range: T4=Tamb -60 °C to +125 °C (-76 to 257 °F) T6=Tamb -60 °C to +80 °C (-76 to 176 °F) - Degree of protection: IP 66/67/68 according to EN 60529 - Connection type: Three-core cable, fitting M20x1.5 - Contact type: SPCO/SPDT (Hermetically sealed - Volt-free contacts) Electrical data - Resistive Load: 830 mA / 24 Vdc - 180 mA / 110 Vac - Electrical Ratings: Ui = 30 Vdc / li = 250 mA / Pi = 1.3 W Atex Rating - II 1 GD Ex ia IIC T6 Ga - Ex ia IIC T4 Ga - Ex ia IIIC T₂₀₀ 85 °C Da - Ex ia IIIC T₂₀₀ 135 °C Da IECEx Rating - Ex ia IIC T6 Ga - Ex ia IIC T4 Ga - Ex ia IIIC T₂₀₀ 85 °C Da - Ex ia IIIC T₂₀₀ 135 °C Da				
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 - 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> 1/2" NPT 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, UL/CSA - Certification included as standard	Materials - Body: AISI 316L - Contacts: Rhodium - Seal: FPM - MFQ Technical data - Max working pressure: 420 bar - Proof pressure: 630 bar - Burst pressure: 1260 bar - Compatibility with fluids: Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 - Temperature range: T4=Tamb -60 °C to +120 °C (-76 to 248 °F) T6=Tamb -60 °C to +70 °C (-76 to 158 °F) From -60 °C to +105 °C (-76 to 221 °F) : UL/CSA - Degree of protection: IP 66/67/68 according to EN 60529 - Connection type: Four-core cable, fitting 1/2" NPT - Contact type: SPCO/SPDT (Hermetically sealed - Volt-free contacts) Electrical data - Resistive Load: 830 mA / 24 Vdc - 180 mA / 110 Vac - Electrical Ratings: Ui = 150 Vac/dc / Pi = 20 W Atex Rating - II 2 GD Ex db IIC T6 Gb - Ex db IIC T4 Gb - Ex tb IIIC T85 °C Db - Ex tb IIIC T135 °C Db IECEx Rating - Ex db IIC T6 Gb - Ex db IIC T4 Gb - Ex tb IIIC T85 °C Db - Ex tb IIIC T135 °C Db UL/CSA Rating - Class I Div 1 Groups A, B, C, & D - Class II Div 1 Groups E, F, & G - Class III Hazardous Locations				
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														

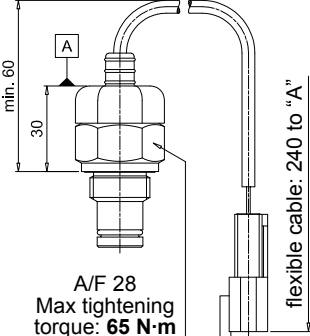
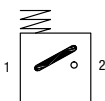
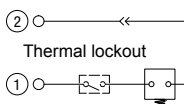
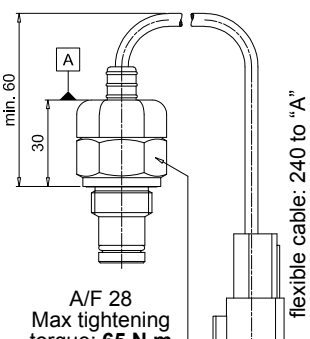
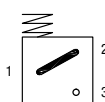
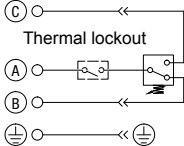
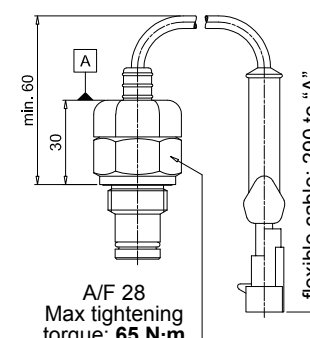
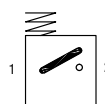
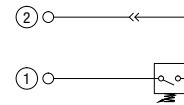
DEH*70		Hydraulic symbol	Materials
Hazardous Area Electrical Differential Pressure Indicator Connection IEC 61076-2-101 D (M12)			
Settings	Ordering code	Electrical symbol	Technical data
2.0 bar ±10%	DE H 20 x A 70 P01		
5.0 bar ±10%	DE H 50 x A 70 P01		
7.0 bar ±10%	DE H 70 x A 70 P01		
		  	Electrical data - Resistive Load: 830 mA / 24 Vdc - 180 mA / 110 Vdc - Electrical Ratings: $U_i = 30 \text{ Vdc}$ / $I_i = 250 \text{ mA}$ / $P_i = 1.3 \text{ W}$ Atex Rating II 1 GD Ex ia IIC T6 Ga Ex ia IIIC T ₂₀₀ 135 °C Da IECEx Rating Ex ia IIC T6 Ga Ex ia IIIC T ₂₀₀ 135 °C Da
- Certification / Approvals: ATEX, IECEx, EAC TR CU - Certification included as standard			

DEM*F10		Hydraulic symbol	Materials
Electrical Differential Pressure Indicator Connection: AMP Superseal series 1.5			
Settings	Ordering code	Electrical symbol	Technical data
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		
			- Body: Brass - Base: Black polyamide - Contacts: Silver - Seal: HNBR - FPM
			- 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 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")

DEM*F20		Hydraulic symbol	Materials
Electrical Differential Pressure Indicator AMP Time junior			
Settings	Ordering code		- Body: Brass - Base: Black polyamide - Contacts: Silver - Seal: HNBR - FPM
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	Electrical symbol	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 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")

DIFFERENTIAL PRESSURE INDICATORS

Dimensions

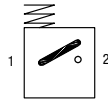
DEM*F30 Electrical Differential Pressure Indicator Deutsch DT-04-2-P <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DE M 12 x F 30 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DE M 20 x F 30 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DE M 50 x F 30 P01</td></tr><tr><td>7.0 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> 		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> 		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> 		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

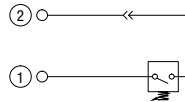
Settings	Ordering code
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2.0 bar $\pm 10\%$	DE M 20 x A 20 P01
5.0 bar $\pm 10\%$	DE M 50 x A 20 P01
7.0 bar $\pm 10\%$	DE M 70 x A 20 P01
9.5 bar $\pm 10\%$	DE M 95 x A 20 P01

A/F 28
Max tightening torque: **65 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: IP66 according to EN 60529

Electrical data

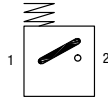
- Electrical connection: AMP Time junior
- Resistive load: 0.2 A / 115 Vdc
- Switching type: Normally open contacts (NC on request)

DEM*A30
Electrical Differential Pressure Indicator
Deutsch DT-04-2-P

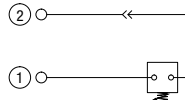
Settings	Ordering code
1.2 bar $\pm 10\%$	DE M 12 x A 30 P01
2.0 bar $\pm 10\%$	DE M 20 x A 30 P01
5.0 bar $\pm 10\%$	DE M 50 x A 30 P01
7.0 bar $\pm 10\%$	DE M 70 x A 30 P01
9.5 bar $\pm 10\%$	DE M 95 x A 30 P01

A/F 28
Max tightening torque: **65 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: IP66 according to EN 60529

Electrical data

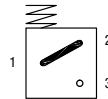
- Electrical connection: Deutsch DT-04-2-P
- Resistive load: 0.2 A / 115 Vdc
- Switching type: Normally open contacts (NC on request)

DEM*A35
Electrical Differential Pressure Indicator
Deutsch DT-04-3-P

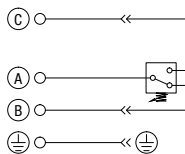
Settings	Ordering code
1.2 bar $\pm 10\%$	DE M 12 x A 35 P01
2.0 bar $\pm 10\%$	DE M 20 x A 35 P01
5.0 bar $\pm 10\%$	DE M 50 x A 35 P01
7.0 bar $\pm 10\%$	DE M 70 x A 35 P01
9.5 bar $\pm 10\%$	DE M 95 x A 35 P01

A/F 28
Max tightening torque: **65 N·m**

Hydraulic symbol



Electrical symbol



Materials

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

Technical data

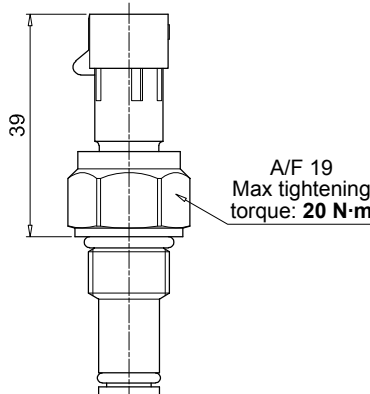
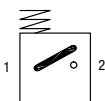
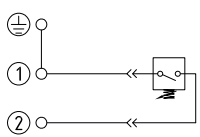
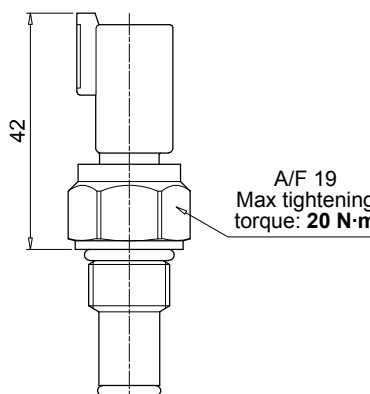
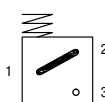
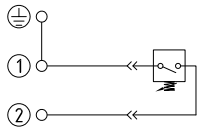
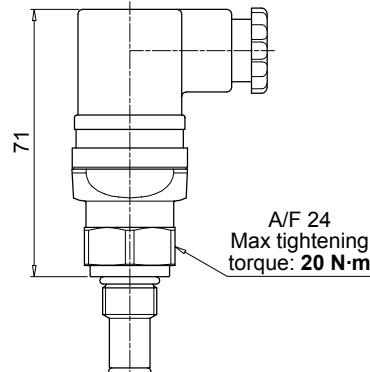
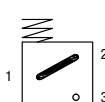
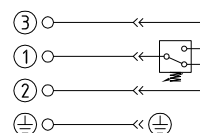
- Max working pressure: 420 bar
- Proof pressure: 630 bar
- Burst pressure: 1260 bar
- Working temperature: From -25 °C to +110 °C
- Compatibility with fluids: Mineral oils, Synthetic fluids
HFB and HFC according to ISO 2943
- Degree protection: IP66 according to EN 60529

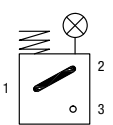
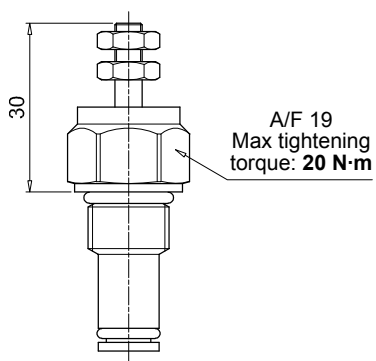
Electrical data

- Electrical connection: Deutsch DT-04-3-P
- Resistive load: 0.2 A / 115 Vdc
- Switching type: SPDT contact

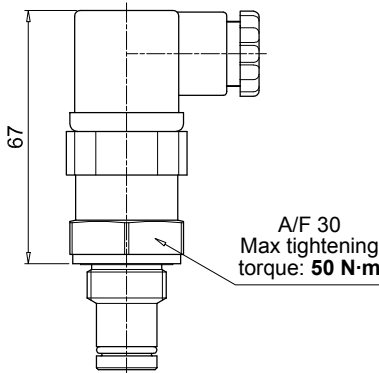
DIFFERENTIAL PRESSURE INDICATORS

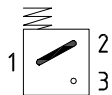
Dimensions

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 HA 10 P01</td></tr><tr><td>2.5 bar ±10%</td><td>DE S 25 HA 10 P01</td></tr><tr><td>4.0 bar ±10%</td><td>DE S 40 HA 10 P01</td></tr></table> 	Settings	Ordering code	1.2 bar ±10%	DE S 12 HA 10 P01	2.5 bar ±10%	DE S 25 HA 10 P01	4.0 bar ±10%	DE S 40 HA 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: HFB and HFC according to ISO 2943 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 HA 10 P01									
2.5 bar ±10%	DE S 25 HA 10 P01									
4.0 bar ±10%	DE S 40 HA 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 HA 30 P01</td></tr><tr><td>2.5 bar ±10%</td><td>DE S 25 HA 30 P01</td></tr><tr><td>4.0 bar ±10%</td><td>DE S 40 HA 30 P01</td></tr></table> 	Settings	Ordering code	1.2 bar ±10%	DE S 12 HA 30 P01	2.5 bar ±10%	DE S 25 HA 30 P01	4.0 bar ±10%	DE S 40 HA 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: HFB and HFC according to ISO 2943 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 HA 30 P01									
2.5 bar ±10%	DE S 25 HA 30 P01									
4.0 bar ±10%	DE S 40 HA 30 P01									
DES*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 S 12 HA 50 P01</td></tr><tr><td>2.5 bar ±10%</td><td>DE S 25 HA 50 P01</td></tr><tr><td>4.0 bar ±10%</td><td>DE S 40 HA 50 P01</td></tr></table> 	Settings	Ordering code	1.2 bar ±10%	DE S 12 HA 50 P01	2.5 bar ±10%	DE S 25 HA 50 P01	4.0 bar ±10%	DE S 40 HA 50 P01	Hydraulic symbol  Electrical symbol 	Materials - Body: Aluminium - Internal parts: Aluminium - Polyamide - Contacts: Silver - Seal: HNBR Technical data - Max working pressure: 35 bar - Proof pressure: 53 bar - Burst pressure: 105 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 IP66 according to EN 60529 IP69K according to EN 20653 Electrical data - Electrical connection: EN 175301-803 - Resistive load: 0.2 A / 115 Vdc
Settings	Ordering code									
1.2 bar ±10%	DE S 12 HA 50 P01									
2.5 bar ±10%	DE S 25 HA 50 P01									
4.0 bar ±10%	DE S 40 HA 50 P01									

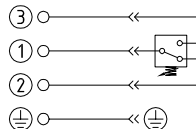
DES*80		Hydraulic symbol	Materials	
Electrical Differential Pressure Indicator Stud #10-32 UNF				
Settings	Ordering code		Brass Brass - Polyamide Silver HNBR	
1.2 bar ±10%	DE S 12 HA 80 P01			
2.5 bar ±10%	DE S 25 HA 80 P01			
4.0 bar ±10%	DE S 40 HA 80 P01			
 A/F 19 Max tightening torque: 20 N·m		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 HFB and HFC according to ISO 2943 - 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)		

DEU*50 UL	
Electrical Differential Pressure Indicator	
Connection EN 175301-803	
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





Electrical symbol





- Certification: UL
- Certification included as standard

Materials

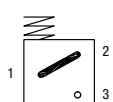
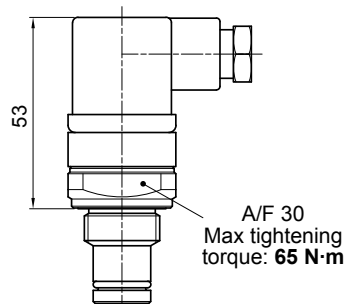
- Body: Brass
- Base: Black Polyamide
- Contacts: Silver
- Seal: FPM

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

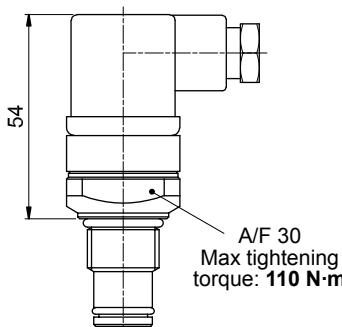
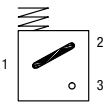
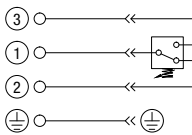
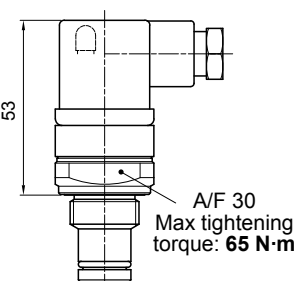
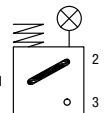
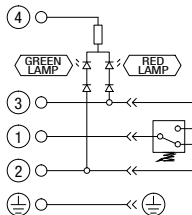
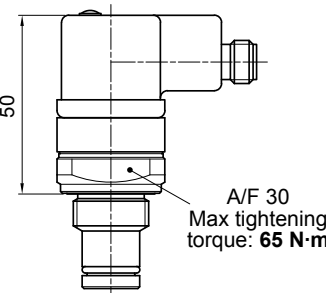
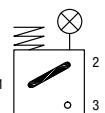
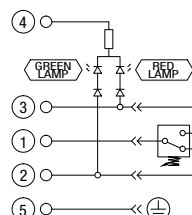
Electrical data

- Electrical connection: EN 175301-803
- Resistive load: 3 A / 30 Vdc
3 A / 125 Vac
3 (3) A / 250 Vac

DEX*50		Hydraulic symbol	Materials	
Electrical Differential Pressure Indicator Connection: EN 175301-803				
Settings	Ordering code		AISI 316L Black polyamide Silver HNBR - MFQ	
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			
 A/F 30 Max tightening torque: 65 N·m		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		

DIFFERENTIAL PRESSURE INDICATORS

Dimensions

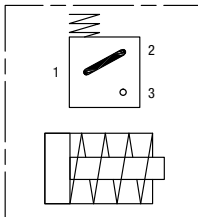
DEZ*50 Electrical Differential Pressure Indicator Connection: EN 175301-803 <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>5.0 bar ±10%</td><td>DE Z 50 x A 50 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DE Z 70 x A 50 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DE Z 95 x A 50 P01</td></tr></table> 	Settings	Ordering code	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													
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													
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: Brass - Base: Transparent 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 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
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: 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 IP69K according to ISO 20653 Electrical data - Electrical connection: IEC 61076-2-101 D (M12) - Lamps: 24 Vdc (black base) - Resistive load: 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

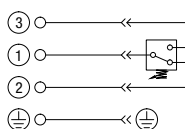
Settings	Ordering code
1.2 bar $\pm 10\%$	DL E 12 x A 50 P01
2.0 bar $\pm 10\%$	DL E 20 x A 50 P01
5.0 bar $\pm 10\%$	DL E 50 x A 50 P01
7.0 bar $\pm 10\%$	DL E 70 x A 50 P01
9.5 bar $\pm 10\%$	DL E 95 x A 50 P01

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

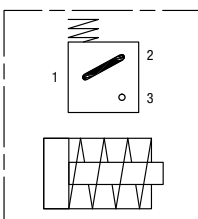
- Electrical connections: EN 175301-803
- Resistive load: 5 A / 250 Vac
- Available the connector with lamps

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

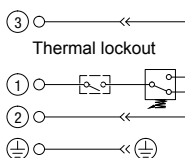
Settings	Ordering code
1.2 bar $\pm 10\%$	DL E 12 x F 50 P01
2.0 bar $\pm 10\%$	DL E 20 x F 50 P01
5.0 bar $\pm 10\%$	DL E 50 x F 50 P01
7.0 bar $\pm 10\%$	DL E 70 x F 50 P01
9.5 bar $\pm 10\%$	DL E 95 x F 50 P01

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

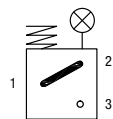
- Electrical connections: EN 175301-803
- Resistive load: 5 A / 250 Vac
- Thermal lockout setting: +30 °C

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

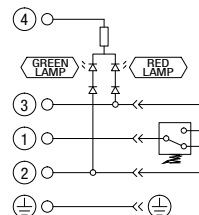
Settings	Ordering code
1.2 bar $\pm 10\%$	DL X 12 x A 5x P01
2.0 bar $\pm 10\%$	DL X 20 x A 5x P01
5.0 bar $\pm 10\%$	DL X 50 x A 5x P01
7.0 bar $\pm 10\%$	DL X 70 x A 5x P01
9.5 bar $\pm 10\%$	DL X 95 x A 5x P01

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

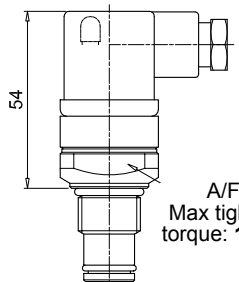
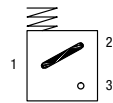
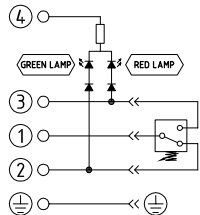
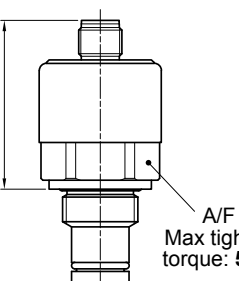
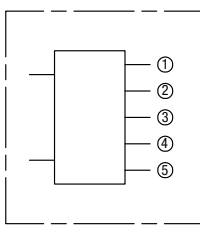
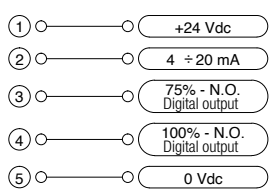
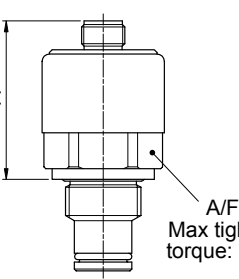
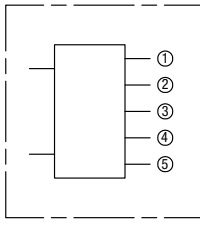
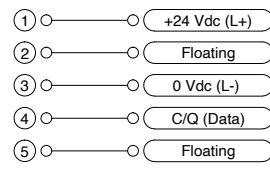
- Max working pressure: 420 bar
- Proof pressure: 630 bar
- Burst pressure: 1260 bar
- Working temperature: From -25 °C to +110 °C
- Compatibility with fluids: Mineral oils, Synthetic fluids
HFB and HFC according to ISO 2943
- Degree protection: IP66 according to EN 60529
IP69K according to ISO 20653

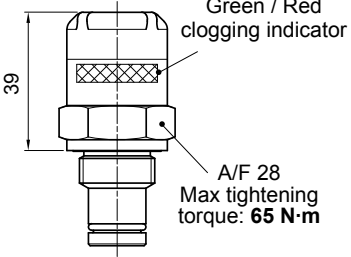
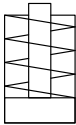
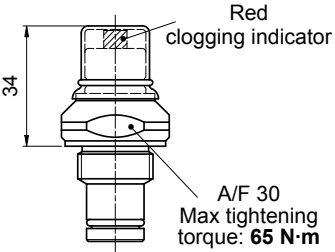
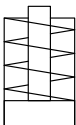
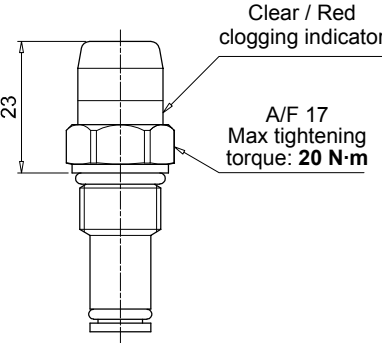
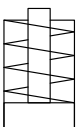
Electrical data

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

DIFFERENTIAL PRESSURE INDICATORS

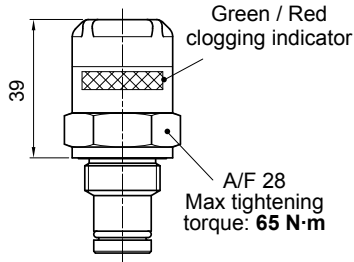
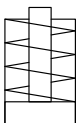
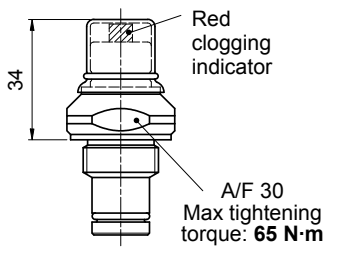
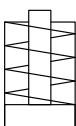
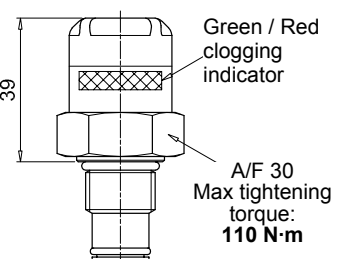
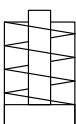
Dimensions

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 <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DL Z 12 x A 5x P01</td></tr><tr><td>2.5 bar ±10%</td><td>DL Z 25 x A 5x P01</td></tr><tr><td>5.0 bar ±10%</td><td>DL Z 50 x A 5x P01</td></tr><tr><td>7.0 bar ±10%</td><td>DL Z 70 x A 5x P01</td></tr><tr><td>9.5 bar ±10%</td><td>DL Z 95 x A 5x P01</td></tr></table> 	Settings	Ordering code	1.2 bar ±10%	DL Z 12 x A 5x P01	2.5 bar ±10%	DL Z 25 x A 5x P01	5.0 bar ±10%	DL Z 50 x A 5x P01	7.0 bar ±10%	DL Z 70 x A 5x P01	9.5 bar ±10%	DL Z 95 x A 5x P01	Hydraulic symbol  Electrical symbol 	Materials - Body: - Base: - Contacts: - Seal: AISI 316L Transparent polyamide Silver HNBR - MFQ Technical data - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Degree protection: 700 bar 1050 bar 2100 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 Z 12 x A 5x P01													
2.5 bar ±10%	DL Z 25 x A 5x P01													
5.0 bar ±10%	DL Z 50 x A 5x P01													
7.0 bar ±10%	DL Z 70 x A 5x P01													
9.5 bar ±10%	DL Z 95 x A 5x P01													
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> 	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 	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													
DTI*70 IO-Link 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 I 12 x A 70 P01</td></tr><tr><td>2.0 bar ±10%</td><td>DT I 20 x A 70 P01</td></tr><tr><td>5.0 bar ±10%</td><td>DT I 50 x A 70 P01</td></tr><tr><td>7.0 bar ±10%</td><td>DT I 70 x A 70 P01</td></tr><tr><td>9.5 bar ±10%</td><td>DT I 95 x A 70 P01</td></tr></table> 	Settings	Ordering code	1.2 bar ±10%	DT I 12 x A 70 P01	2.0 bar ±10%	DT I 20 x A 70 P01	5.0 bar ±10%	DT I 50 x A 70 P01	7.0 bar ±10%	DT I 70 x A 70 P01	9.5 bar ±10%	DT I 95 x A 70 P01	Hydraulic symbol  Electrical symbol 	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: IEC 61076-2-101 D (M12) 24 Vdc IO-Link data - Differential pressure [bar]: - Temperature [°C]: - State register: - Errors register: Float 32/4 byte Float 32/4 byte Unit 16/2 byte Unit 16/2 byte
Settings	Ordering code													
1.2 bar ±10%	DT I 12 x A 70 P01													
2.0 bar ±10%	DT I 20 x A 70 P01													
5.0 bar ±10%	DT I 50 x A 70 P01													
7.0 bar ±10%	DT I 70 x A 70 P01													
9.5 bar ±10%	DT I 95 x A 70 P01													

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>  Green / Red clogging indicator A/F 28 Max tightening torque: 65 N·m 39		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>  Red clogging indicator A/F 30 Max tightening torque: 65 N·m 34		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 Connection: EN 175301-803 <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 23		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: - Internal parts: - Seal: Brass Brass - Polyamide HNBR Technical data - Reset: - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Degree protection: Automatic reset 35 bar 53 bar 105 bar From -25 °C to +110 °C Mineral oils, Synthetic fluids HFB and HFC according to ISO 2943 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														

DIFFERENTIAL PRESSURE INDICATORS

Dimensions

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: - Internal parts: - Seal: AISI 316L AISI 316L - Polyamide HNBR - MFQ 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 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: - Internal parts: - Seal: AISI 316L AISI 316L - Polyamide HNBR - MFQ 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 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													
DVZ Visual Differential Pressure Indicator <table><tr><th>Settings</th><th>Ordering code</th></tr><tr><td>1.2 bar ±10%</td><td>DV Z 12 x P01</td></tr><tr><td>2.5 bar ±10%</td><td>DV Z 25 x P01</td></tr><tr><td>5.0 bar ±10%</td><td>DV Z 50 x P01</td></tr><tr><td>7.0 bar ±10%</td><td>DV Z 70 x P01</td></tr><tr><td>9.5 bar ±10%</td><td>DV Z 95 x P01</td></tr></table>  Green / Red clogging indicator A/F 30 Max tightening torque: 110 N·m	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	Hydraulic symbol 	Materials - Body: - Internal parts: - Seal: AISI 316L AISI 316L - Polyamide HNBR - MFQ Technical data - Reset: - Max working pressure: - Proof pressure: - Burst pressure: - Working temperature: - Compatibility with fluids: - Degree protection: Automatic reset 700 bar 1050 bar 2100 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 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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