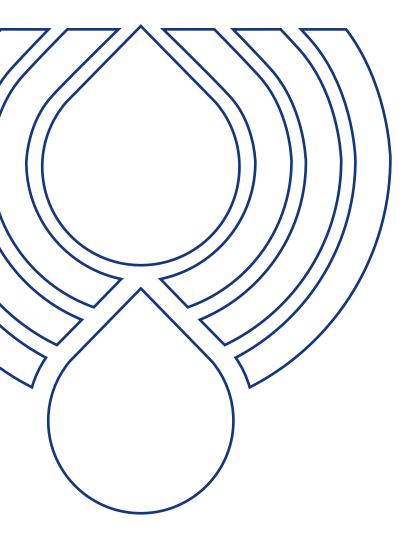
# **TANK ACCESSORIES**

**VISUAL OIL LEVEL INDICATORS** 



PASSION TO PERFORM





## A WORLDWIDE LEADER IN THE FIELD OF HYDRAULIC FILTRATION EQUIPMENT.

Our company started life in 1964, when Bruno Pasotto decided to attempt to cater for the requests of a market still to be fully explored, with the study, design, development, production and marketing of a vast range of filters for hydraulic equipment, capable of satisfying the needs of manufacturers in all sectors. The quality of our products, our extreme competitiveness compared with major international producers and our constant activities of research, design and development has made us a worldwide leader in the field of hydraulic circuit filtering. Present for over 50 years in the market, we have played a truly decisive role in defining our sector, and by now we are a group capable of controlling our entire chain of production, monitoring all manufacturing processes to guarantee superior quality standards and to provide concrete solutions for the rapidly evolving needs of customers and the market.





## **WORLDWIDE PRESENCE**

Our foreign Branches enable us to offer a diversified range of products that allow us to successfully face the aggressive challenge of international competition, and also to maintain a stable presence at a local level.

The Group boasts **9 business branches** 



## **TECHNOLOGY**

Our constant quest for excellence in quality and technological innovation allows us to offer only the best solutions and services for applications in many fields, including general industry, test rigs, lubrication, heavy engineering, renewable energies, naval engineering, offshore engineering, aviation systems, emerging technologies and mobile plant (i.e. tractors, excavators, concrete pumps, platforms).





## AND PRODUCTION

Our high level of technological expertise means we can rely entirely on our own resources, without resorting to external providers. This in turn enables us to satisfy a growing number of customer requests, also exploiting our constantly updated range of machines and equipment, featuring fully-automated workstations capable of 24-hour production.

















## SUCTION **FILTERS**

Flow rates up to 875 l/min

## Mounting:

- Tank immersed
- In-Line
- In tank with shut off valve
- In tank with flooded suction

## **RETURN FILTERS**

Flow rates up to 3000 l/min

Pressure

up to 20 bar

Mounting:

- In-Line - Tank top
- In single and duplex designs

# RETURN / SUCTION

up to 300 l/min

Pressure

Mounting:

- In-Line

## **FILTERS**

Flow rates

up to 80 bar

- Tank top

## SPIN-ON **FILTERS**

Flow rates up to 365 l/min

Pressure up to 35 bar

Mounting:

- In-Line
- Tank top

## **LOW & MEDIUM** PRESSURE **FILTERS**

Flow rates up to 3000 I/min

Pressure up to 80 bar

Mounting:

- In-Line
- Parallel manifold version
- In single and duplex designs

## HIGH **PRESSURE FILTERS**

Flow rates up to 750 l/min

Pressure from 110 bar up to 560 bar

Mounting:

- In-Line
- Manifold
- In single
- and duplex designs



## **PRODUCT RANGE**

MP Filtri can offer a vast and articulated range of products for the global market, suitable for all industrial sectors using hydraulic equipment.

This includes filters (suction, return, return/suction, spin-on, pressure, stainless steel pressure) and structural components (motor/pump bell-housings, transmission couplings, damping rings, foot brackets, aluminium tanks, cleaning covers).

We can provide all the skills and solutions required by the modern hydraulics industry to monitor contamination levels and other fluid conditions.

Mobile filtration units and a full range of accessories allow us to supply everything necessary for a complete service in the hydraulic circuits.











#### STAINLESS STEEL HIGH PRESSURE FILTERS

Flow rates up to 125 I/min Pressure from 320 bar up to 1000 bar

## Mounting:

- In-Line
- Manifold
- In single and duplex designs

# CONTAMINATION MONITORING PRODUCTS

- Off-line, in-line particle counters
- Off-line bottle sampling products
- Fully calibrated using relevant ISO standards
- A wide range of variants to support fluid types and communication protocols

## MOBILE FILTRATION UNITS

Flow rates from 15 l/min up to 200 l/min

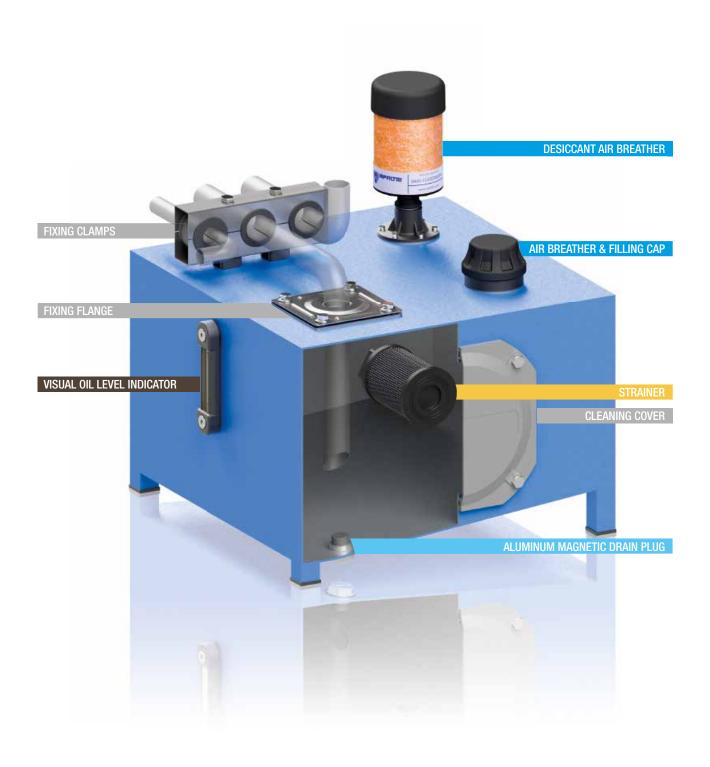
# POWER TRANSMISSION PRODUCTS

- Aluminium bell-housings for motors from 0.12 kW to 400 kW
- Couplings in Aluminium Cast Iron - Steel
- Damping rings
- Foot bracket
- Aluminium tanks
- Cleaning covers

## TANK ACCESSORIES

- Oil filler and air breather plugs
- Optical and electrical level gauges
- Pressure gauge valve selectors
- Pipe fixing brackets
- Pressure gauges

## **TANK ACCESSORIES**







| 1 page | •             | INTRODUCTION |
|--------|---------------|--------------|
| 1      | COMPANY       |              |
| 6      | PRODUCT RANGE |              |

| 10 page |                 | STRAINERS  |
|---------|-----------------|--|
| 13      | STR & MPA - MPM | Submerged suction filter, with bypass or magnetic column |

| 20 pag | е                       | AIR BREATHERS AND FILLER PLUGS                          |
|--------|-------------------------|---|
| 23     | SAP 054-075 - SA        | Air breathers   |
| 29     | SAW 115                 | Moisture control desiccant air breathers                |
| 33     | SCS                     | Metal air breathers with interchangeable filter element |
| 39     | SME 1 - SMF 1 - SML 1   | Risers for breathers and filler caps installation       |
| 45     | TA 46 - TAP 50 - SAP 50 | Filler plug and air filter up to 200 I/min              |
| 53     | TA 80                   | Steel filler plug and air filter up to 500 l/min        |
| 57     | TAP 90                  | Filler plug and polyamide air filter up to 550 I/min    |
| 63     | TAP 114                 | Filler plug and polyamide air filter up to 1600 l/min   |
| 67     | TAP 115 & SAP 115       | Filler plug and polyamide air filter up to 3000 l/min   |

| (72) pag | je              | FILLER AND DRAIN PLUGS    |
|----------|-----------------|---------------------------|
| 75       | TC 50           | Polyamide filler plug     |
| 79       | TKT - TSD - TKM | Filler and draining plugs |

| 86 pag | е         | VISUAL OIL LEVEL INDICATORS                 |
|--------|-----------|---|
| 89     | LCP - LCC | Visual oil level indicator - round shape    |
| 95     | LVA - LVU | Visual oil level indicator - vertical shape |

| 100 page |                             | ELECTRICAL OIL LEVEL INDICATORS         |
|----------|-----------------------------|---|
| 103      | LEN - LEG - LET - LEM - LEU | Electric oil level indicator            |
| 115      | LVK                         | Visual and Electric oil level indicator |

| (120) page |              | ACCESSORIES             |
|------------|--------------|-------------------------|
| 123        | EM1          | Pressure gauge isolator |
| 129        | SVM          | Gauge selector valve    |
| 133        | FTA - FTR    | Oil tank fixing flange  |
| 137        | MULTIFIT SFT | Fixing clamps           |
| 143        | OB           | Cleaning covers         |
| 149        | SE10LT       | Aluminium tanks         |



## LC

The sight plugs series allow visibility of the fluid contained in the reservoirs, showing the level and also any changes in transparency and emulsion.

## LV

The oil level indicators series is available for both static and mobile applications; the construction materials used make it possible to guarantee service with wide temperature variations and compatibility with all hydraulic fluids.

LVA / LVU level indicators are available with fixing centre distance from 76 to 1000 mm.

These indicators are available in three configurations, with transparent plastic body, with black plastic body and with aluminium body. Fixing to reservoirs with unthreaded holes or with reduced thickness can be achieved using series LCC equipped with expansion kit.



# Visual Oil Level Indicators

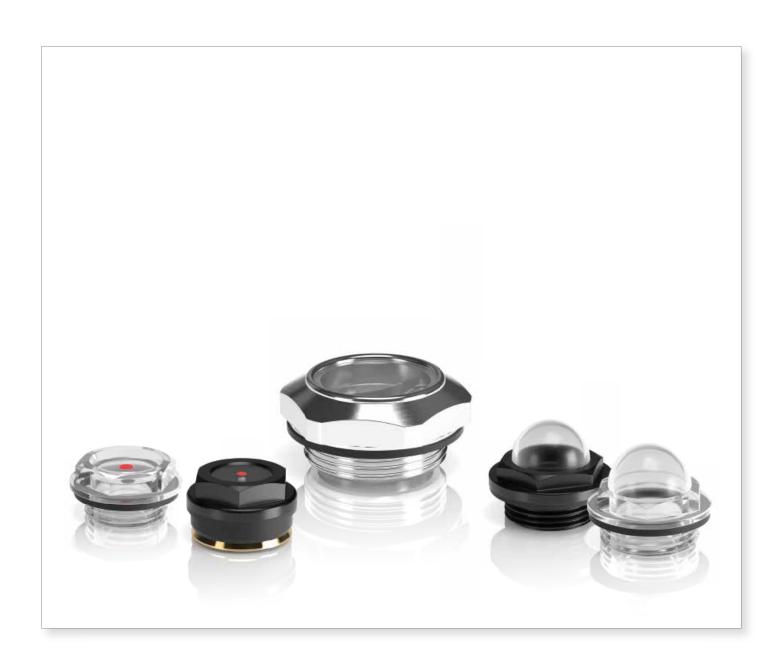


| LCP - LCC | page 89 |
|-----------|---------|
| LVA - LVU | 95      |



# LCP - LCC series

Visual oil level indicator - round shape



## Technical data

## Visual Oil Level Indicators

## Visual oil level indicator - round shape

LCP is a range of plastic compact fluid level indicators, usually called spy eyes, for monitoring of the fluid level into the tank. They are directly fitted on the tank side.

Housings made of polyamide or steel can be selected, to meet every condition.

#### **Available features:**

- Male threaded connections up to G 2"
- Contrast baffle, to allow an easy monitoring of the level
- Special fixing kit, for reliable sealing even in thanks with thin walls

## **Common applications:**

- Hydraulic systems
- Mobile machines
- Industrial equipment

## T Series Weight

LCPG13 1 g LCPG16 2 g

LCPG20 4 g LCPG26 8 g LCPG33 10 g

LCPG42 12 g

**Materials** - Body: Polyamide

- Contrast baffle : Polyamide

- Seals: NBR

M Series

Weight LCPG20 6 g LCPG26 9 g

LCPG33 13 g

**Materials** 

- Body: Aluminium - Lens: Thermoplastic

- Contrast baffle : Polyamide

- Seals: Inorganic fibre

**N** Series

Weight LCPG13 2g LCPG16 4 g LCPG20 7 g LCPG26 9 g

LCPG30 12 g LCPG33 18 g

LCPG42 25 g LCPG48 48 g LCPG60 59 g **Materials** 

- Body: Polyamide - Lens: Thermoplastic

- Contrast baffle : Polyamide

- Seals: Inorganic fibre, NBR

- Special fixing kit: Brass, NBR



## **Temperature**

From -20 °C to +80 °C

Quantity

25 pcs/pack

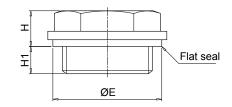
## Designation & Ordering code

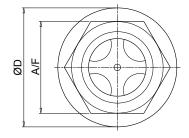
| COMPLETE VISUAL OIL LEVEL INDICATOR |   |            |     |   |   |   |     |  |
|-------------------------------------|---|------------|-----|---|---|---|-----|--|
| Series                              | Configuration example 1 : LCP G26   |            | N   | S | В   | S | P01 |  |
| LCP                                 | Configuration example 2: LCP G42  | Ī          | T   | S | Α   |   | P01 |  |
|                                     | Configuration example 3: I CP G20   |            | M   | С | Α   |   | P01 |  |
| Conne                               | ctions Material: N I W  |            | ··· |   | , <u>, , , , , , , , , , , , , , , , , , </u> |   |     |  |
| G13                                 | G 1/4" • •  |            |     |   |   |   |     |  |
| G16<br>G20                          | G 3/8"  |            |     |   |   |   |     |  |
| G26                                 | G 3/4" • •  |            |     |   |   |   |     |  |
| G33                                 | G 1" • • •  |            |     |   |   |   |     |  |
| G42                                 | G 1 1/4" • •  |            |     |   |   |   |     |  |
| G48                                 | G 1 1/2"  |            |     |   |   |   |     |  |
| G60                                 | G 2" ◆  |            |     |   |   |   |     |  |
| Mater<br>N                          | Black Polyamide T Transparent polyamide M Aluminium  Material: N T M  | <br>-<br>! |     |   |   |   |     |  |
| Contra<br>S                         | st baffle   Connection:   G13   G16   G20   G26   G33   G42   G48   G60   G13   G16   G20   G26   G33   G42     Without contrast baffle   • • • • • • • • • • • • • • • • • • | _          |     |   |   |   |     |  |
| C                                   | With contrast baffle • • • • • • • • • • •  |            |     |   |   |   |     |  |
| Seals                               | Material: N T M Expansion kit: S K  |            |     |   |   |   |     |  |
| Α                                   | NBR • • •   |            |     |   |   |   |     |  |
| В                                   | Inorganic fiber •   |            |     |   |   |   |     |  |
| Specia<br>S<br>K                    | Material:   N   T   M   |            | į   |   | n<br>IP Filtri s<br>ustomize                  |   | i   |  |

90

## **Dimensions**







| without expansion kit |            |            |             |           |            |  |  |  |  |
|-----------------------|------------|------------|-------------|-----------|------------|--|--|--|--|
| Connections           | ØD<br>[mm] | ØE<br>[mm] | A/F<br>[mm] | H<br>[mm] | H1<br>[mm] |  |  |  |  |
| G13                   | 20         | 18.5       | 17          | 9         | 7          |  |  |  |  |
| G16                   | 22         | 21.5       | 18          | 10        | 7          |  |  |  |  |
| G20                   | 28         | 26         | 22          | 10        | 7          |  |  |  |  |
| G26                   | 35         | 32         | 27          | 10.5      | 8          |  |  |  |  |
| G33                   | 42         | 41         | 34          | 13.5      | 10.5       |  |  |  |  |
| G42                   | 52         | 51         | 42          | 14        | 11         |  |  |  |  |

53.5

47

64

16

16

11

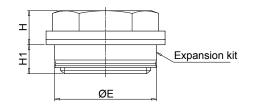
18

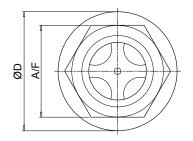
G48

**G60** 

58

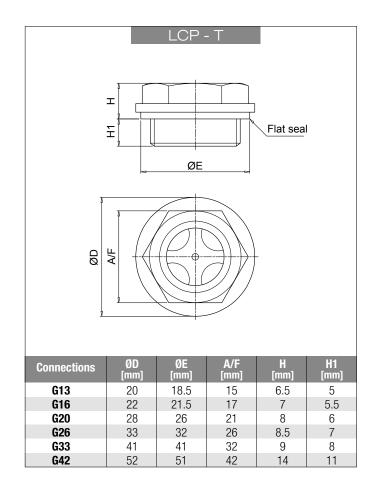
74

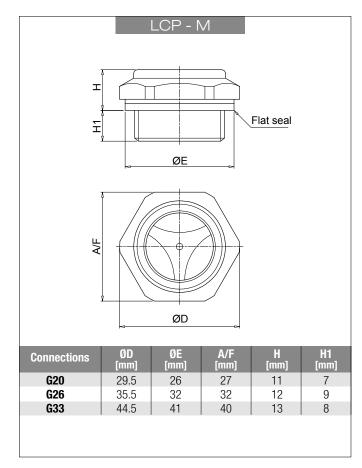




| with expansion kit                             |    |    |    |      |      |  |  |  |  |
|--|----|----|----|------|------|--|--|--|--|
| Connections ØD ØE A/F H H1 [mm] [mm] [mm] [mm] |    |    |    |      |      |  |  |  |  |
| G20  | 28 | 26 | 22 | 9    | 8    |  |  |  |  |
| G26  | 35 | 30 | 27 | 10   | 8.5  |  |  |  |  |
| G33  | 42 | 40 | 34 | 13   | 11   |  |  |  |  |
| G42  | 52 | 50 | 42 | 13.5 | 11.5 |  |  |  |  |
| G48  | 58 | 55 | 47 | 15.5 | 11.5 |  |  |  |  |

Note: for installation onto OB Cleaning covers see page 147





Note: for installation onto OB Cleaning covers see page 147



## Technical data

## Visual Oil Level Indicators

## Visual oil level indicator - round shape

LCC is a range of plastic compact fluid level indicators, usually called spy eyes, for monitoring of the fluid level into the tank. They are directly fitted on the tank side.

The special shape of the screen allows the monitoring of the fluid level from every position.

## **Available features:**

- Male threaded connections up to G 2"
- Expansion kit, for reliable sealing even in thanks with thin walls

## **Common applications:**

- Hydraulic systems
- Mobile machines
- Industrial equipment

#### **N Series**

WeightMaterialsLCCG267 g- Body: PolyamideLCCG4220 g- Lens: Polyamide

LCCG60 40 g - Contrast screen: Polyamide

- Seals: Inorganic fibre, NBR

- Expansion kit: Brass / NBR

#### **T Series**

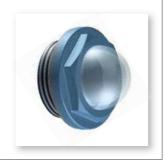
WeightMaterialsLCCG162 g- Body: PolyamideLCCG204 g- Seals: NBRLCCG339 g

#### **Temperature**

From -20 °C to +80 °C

## Quantity

25 pcs/pack



Customized

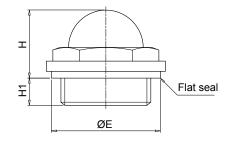
## Designation & Ordering code

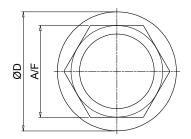
|             | GUIVIP  | TELE AIS | AL UIL LEVEL | INDICATORS           |     |     |         |     |         |   |
|-------------|---|----------|--------------|----------------------|-----|-----|---------|-----|---------|---|
| Series      |   |          | Confi        | guration example 1 : | LCC | G20 | N       | Α   | K       | P |
| _CC         |   |          | Confi        | guration example 2 : | LCC | G33 | T       | Α   | 7       | P |
|             |   |          |              |                      |     |     | Т       |     | - T     |   |
|             | ections Material: N                           | T        |              |                      |     |     |         |     |         |   |
| 313         | G 1/4"  |          |              |                      |     |     |         |     |         |   |
| 316         | G 3/8"  | •        |              |                      |     |     |         |     |         |   |
| G20         | G 1/2"  | •        |              |                      |     |     |         |     |         |   |
| 326         | G 3/4"  | •        |              |                      |     |     |         |     |         |   |
| 333         | G 1" •  | •        |              |                      |     |     |         |     |         |   |
| 342         | G 1 1/4"                                      |          |              |                      |     |     |         |     |         |   |
| 348         | G 1 1/2" •                                    |          |              |                      |     |     |         |     |         |   |
| <b>i</b> 60 | G 2"  |          |              |                      |     |     |         |     |         |   |
|             |   |          |              |                      |     |     |         |     |         |   |
| Mater       |   |          |              |                      |     |     |         |     |         |   |
| l           | Black polyamide <b>T</b> Transparent poly     | amide    |              |                      |     |     |         |     |         |   |
|             |   |          |              |                      |     |     |         |     |         |   |
| 01-         | Material: N                                   | T        |              |                      |     |     |         |     |         |   |
| Seals       | Expansion kit: S K NBB                        |          |              |                      |     |     |         |     |         |   |
| ,<br>/      |   |          |              |                      |     |     |         |     |         |   |
| 3           | Inorganic fiber •                             |          |              |                      |     |     |         |     |         |   |
|             | Material: N                                   | 7        |              |                      |     |     |         |     |         |   |
| Expan       | ision kit Connection: G20 G26 G33 G42 G48 G60 |          |              |                      |     |     |         |     |         |   |
|             | Without expansion kit • • • • •               |          |              |                      |     |     |         |     |         |   |
| (           | With expansion kit • • • •                    |          |              |                      |     |     |         |     |         |   |
|             |   |          |              |                      |     | r   | xecutio | 1 _ |         |   |
|             |   |          |              |                      |     |     |         |     | standar | d |

## **Dimensions**

## LCC - N

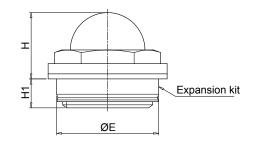
## without expansion kit

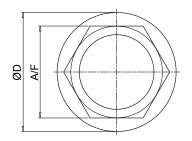




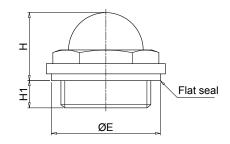
| Connections | ØD<br>[mm] | ØE<br>[mm] | A/F<br>[mm] | H<br>[mm] | H1<br>[mm] |
|-------------|------------|------------|-------------|-----------|------------|
| G20         | 28         | 26         | 22          | 17.5      | 17.5       |
| G26         | 35         | 32         | 27          | 20        | 8          |
| G33         | 42         | 41         | 34          | 24        | 10         |
| G42         | 52         | 51         | 44          | 30        | 11         |
| G48         | 58         | 53.5       | 50          | 33        | 11.5       |
| G60         | 74         | 72         | 64          | 39        | 18         |

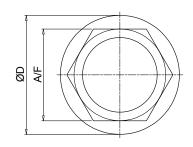
## with expansion kit





| Connections | ØD<br>[mm] | ØE<br>[mm] | A/F<br>[mm] | H<br>[mm] | H1<br>[mm] |
|-------------|------------|------------|-------------|-----------|------------|
| G20         | 28         | 26         | 22          | 16.5      | 8.5        |
| G26         | 35         | 30         | 27          | 19.5      | 8.5        |
| G33         | 42         | 40         | 34          | 23.5      | 10.5       |
| G42         | 52         | 50         | 44          | 29.5      | 11.5       |
| G48         | 58         | 55         | 50          | 32.5      | 12         |
|             |            |            |             |           |            |





| Connections | ØD<br>[mm] | ØE<br>[mm] | A/F<br>[mm] | H<br>[mm] | H1<br>[mm] |
|-------------|------------|------------|-------------|-----------|------------|
| G13         | 19         | 18.5       | 15          | 12.5      | 5          |
| G16         | 21.5       | 21.5       | 17          | 14        | 5.5        |
| G20         | 27         | 26         | 21          | 16.5      | 6          |
| G26         | 33         | 32         | 26          | 19        | 7          |
| G33         | 40         | 41         | 32          | 22.5      | 8          |



# LVA - LVU series

Visual oil level indicator - vertical shape



## Technical data

## Visual Oil Level Indicators

## Oil level indicator - vertical shape

LVA is a range of plastic compact fluid level indicators for monitoring of the fluid level into the tank. They are directly fitted on the tank side. The fluid comes in through the lower connection screw and it is easily visible through the screen.

A white background plate, an orange line for the minimum level and a blue line for the maximum level allow an easy monitoring of the level.

#### **Available features:**

- Several male threaded connections, with or without nuts
- Three different sizes, to meet every size of tank
- Thermometer, to check the temperature of the fluid

## **Common applications:**

- Hydraulic systems
- Mobile machines
- Industrial equipment

#### **Materials**

- Body: Transparent amorphous polyamide lens
- Polyamide guard
- Seal: NBR / FPM

## **Operating pressure**

Max 1 bar at +80°C

## **Temperature**

From -25 °C to +80 °C

#### Weight

LVA 10 0.13 kg LVA 20 0.18 kg LVA 30 0.23 kg

## Quantity

10 pcs/pack



## Designation & Ordering code

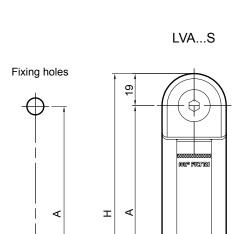
| Door       | griation a ordering code |                          |     |             |       |           |            |          |     |     |
|------------|--------------------------|--------------------------|-----|-------------|-------|-----------|------------|----------|-----|-----|
|            | COMPLETE                 | VISUAL OIL LEVEL INDICAT | ORS |             |       |           |            |          |     |     |
| Series     |                          | Configuration example :  | LVA | 20          | Т     |           | A          | Р        | M10 | S01 |
| LVA        |                          |                          |     |             |       |           |            | T        |     |     |
|            |                          | _                        |     |             |       |           |            |          |     |     |
| Size       |                          |                          |     |             |       |           |            |          |     |     |
| 10         | 20   30                  |                          |     |             |       |           |            |          |     |     |
|            |                          | -                        |     |             |       |           |            |          |     |     |
| Therm      | nometer                  | l                        |     |             |       |           |            |          |     |     |
| S          | Without thermometer      | -                        |     |             |       |           |            |          |     |     |
| T          | With thermometer         | -                        |     |             |       |           |            |          |     |     |
|            |                          |                          |     |             |       |           |            |          |     |     |
| Seals      |                          |                          |     |             |       |           |            |          |     |     |
| Α          | NBR                      | _                        |     |             |       |           |            |          |     |     |
| V          | FPM                      | _                        |     |             |       |           |            |          |     |     |
|            |                          |                          |     |             |       |           |            |          |     |     |
| Cover      | material                 |                          |     |             |       |           |            |          |     |     |
| P          | Polyamide                | _                        |     |             |       |           |            |          |     |     |
|            |                          |                          |     |             |       |           |            |          |     |     |
|            | ections                  | L                        |     |             |       |           |            |          |     |     |
| M10<br>M12 | M10<br>M12               | =                        |     |             |       |           |            |          |     |     |
| U38        | 3/8" UNC                 | _                        |     | _           |       |           |            |          |     |     |
| U12        | G 1/2" UNC               | _                        |     | Exec<br>S01 |       | MD EIH    | tri, with  | nute     |     |     |
| 012        | U 1/2 UNU                | =                        |     | S02         |       |           | tri, with  |          |     |     |
|            |                          |                          |     | JUZ         | iay i | 411 I III | LII, VVILI | ivut III | นเป |     |



#### Dimensions

|       | LVA       |           |
|-------|-----------|-----------|
| Size  | A<br>[mm] | H<br>[mm] |
| LVA10 | 76        | 114       |
| LVA20 | 127       | 165       |
| LVA30 | 254       | 292       |

| Туре   | B<br>[mm] | C<br>[mm] |
|--------|-----------|-----------|
| LVAM10 | M10       | 10.5      |
| LVAM12 | M12       | 12.5      |
| LVAU38 | 3/8" UNC  | 10.0      |
| LVAU12 | 1/2"UNC   | 13.5      |

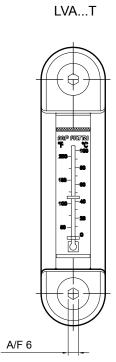


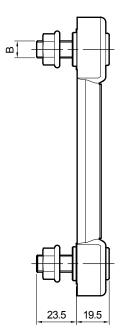
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## Technical data

## Visual Oil Level Indicators

## Oil level indicator - vertical shape

LVU is a range of plastic fluid level indicators for monitoring of the fluid level into the tank. They are directly fitted on the tank side.

The fluid comes in through the lower connection screw and it is easily visible through the screen.

A background plate, a red float and the adjustable minimum level and maximum level indicators allow an easy check of the level.

#### **Available features:**

- G 3/8" male threaded connections
- Adjustable size on request, to meet every size of tank
- Drain valve, to drop the oil for the maintenance procedures
- Glass screen and "U" protection, to meet heavy duty applications

## **Common applications:**

- Hydraulic systems
- Mobile machines
- Industrial equipment

#### **Materials**

- Head: Polyamide
- Connection G 3/8": Nickel plated brass
- G 3/8" valve: Steel
- Seal: NBR
- Pipe: Borosilicate glass, Acrylic
- Float: Polyamide
- Protection: Aluminium
- Clamps min-max: Polyamide

## **Temperature**

From -25 °C to +70 °C

#### Weight

 Series
 version U
 version S

 LVU 0500
 0.780 kg
 0.580 kg

 LVU 1000
 1.150 kg
 0.790 kg

 LVU 1500
 1.550 kg
 1.100 kg

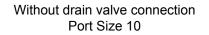
 LVU 2000
 1.950 kg
 1.400 kg

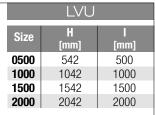


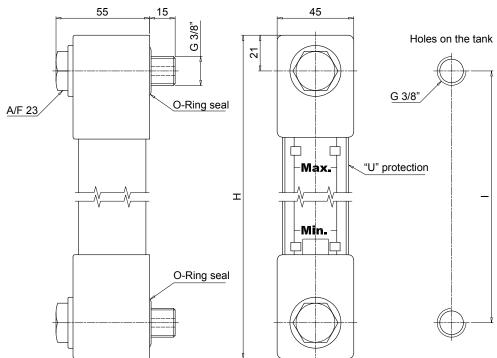
## Designation & Ordering code

|         |   |     | COMF | PLETE | VISUAL | OIL LEVEL INDICATOR | RS    |     |     |      |       |      |         |      |     |
|---------|---|-----|------|-------|--------|---------------------|-------|-----|-----|------|-------|------|---------|------|-----|
| Serie   | es .                                    |     |      |       |        | Configuration exam  | ple : | LVU | 050 | 0    | U     | Α    |         | 10   | P01 |
| LVU     |   |     |      |       |        |                     |       |     |     |      |       |      |         | Π    |     |
|         |   |     |      |       |        |                     |       |     |     |      |       |      |         |      |     |
| Size    |   |     |      |       |        |                     |       |     |     |      |       |      |         |      |     |
| 0500    | Distance between center = 500 mm        |     |      |       |        |                     |       |     |     |      |       |      |         |      |     |
| 1000    | Distance between center = 1000 mm       |     |      |       |        |                     |       |     |     |      |       |      |         |      |     |
| 1500    | Distance between center = 1500 mm       |     |      |       |        |                     |       |     |     |      |       |      |         |      |     |
| 2000    | Distance between center = 2000 mm       |     |      |       |        |                     |       |     |     |      |       |      |         |      |     |
| Differe | ent sizes on request                    |     |      |       |        |                     |       |     |     |      |       |      |         |      |     |
|         |   |     | Siz  | ze    |        |                     |       |     |     |      |       |      |         |      |     |
| Body    |   | 500 | 1000 | 1500  | 2000   |                     |       |     |     |      |       |      |         |      |     |
| S       | Standard plexiglass                     | •   | •    | •     | •      | _                   |       |     |     |      |       |      |         |      |     |
| U       | Plexiglass, with "U" protection         | •   | •    | •     | •      | =                   |       |     |     |      |       |      |         |      |     |
| P       | Borosilicate glass, with "U" protection | •   | •    | •     |        | _                   |       |     |     |      |       |      |         |      |     |
|         |   |     |      |       |        |                     |       |     |     |      |       |      |         |      |     |
| Seals   | ;                                       |     |      |       |        |                     |       |     |     |      |       |      |         |      |     |
| Α       | NBR                                     |     |      |       |        | _                   |       |     |     |      |       |      |         |      |     |
| V       | FPM                                     |     |      |       |        |                     |       |     |     |      |       |      |         |      |     |
|         |   |     |      |       |        |                     |       |     |     |      |       |      |         |      |     |
| Conn    | ections                                 |     |      |       |        |                     |       |     |     |      |       |      |         |      |     |
| 10      | G 3/8"                                  |     |      |       |        | =                   |       |     |     |      |       |      |         |      |     |
| 20      | G 3/8", with drain valve                |     |      |       |        | =                   |       |     |     | Ever | ution |      |         |      |     |
|         |   |     |      |       |        |                     |       |     |     | P01  |       |      | i stano | lard |     |
|         |   |     |      |       |        |                     |       |     |     | Рхх  |       | stom |         |      |     |

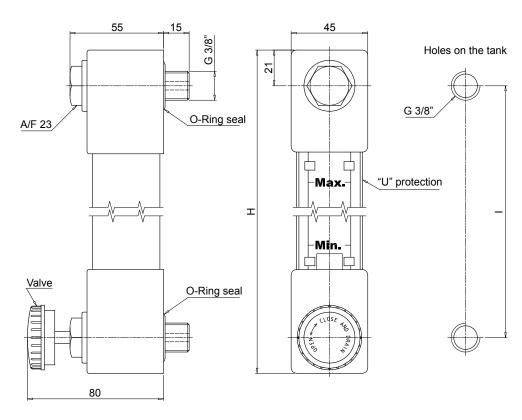
## **Dimensions**







## With drain valve connection Port Size 20



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## **PASSION TO PERFORM**



