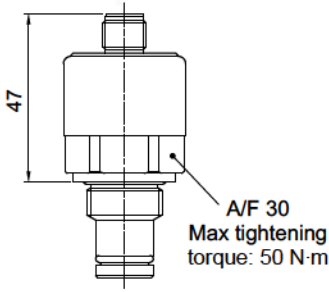
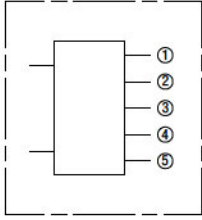


| DTA*70 | |
|--|--------------------|
| Electronic Differential Indicator | |
| Settings | Ordering code |
| 1.2 bar ±10% | DT A 12 x x 70 P01 |
| 2.0 bar ±10% | DT A 20 x x 70 P01 |
| 5.0 bar ±10% | DT A 50 x x 70 P01 |
| 7.0 bar ±10% | DT A 70 x x 70 P01 |
| 9.5 bar ±10% | DT A 95 x x 70 P01 |



A/F 30
Max tightening torque: 50 N·m

Hydraulic symbol



Electrical symbol

| | | | |
|---|---|---|----------------------------|
| ① | ○ | ○ | +24 Vdc |
| ② | ○ | ○ | 4 ± 20 mA |
| ③ | ○ | ○ | 75% - N.O. Digital output |
| ④ | ○ | ○ | 100% - N.O. Digital output |
| ⑤ | ○ | ○ | 0 Vdc |

Materials

- Body: Brass
- Internal parts: Brass - Nylon
- Contacts: Silver
- Seal: HNBR - FPM

Technical data

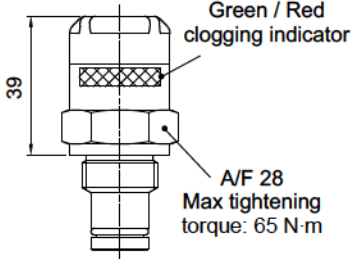
- Max working pressure: 420 bar
- Proof pressure: 630 bar
- Burst pressure: 1260 bar
- Compatibility with fluids: Mineral oils, Synthetic fluids
HFA, HFB, HFC according to ISO 2943
- Degree protection: IP67 according to EN 60529

Electrical data

- Electrical connection: IEC 61076-2-101 D (M12)
- Power supply: 24 Vdc
- Analogue output: From 4 to 20 mA
- Thermal lockout: 30 °C (all output signals stalled up to 30 °C)

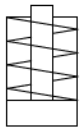


| DVA | |
|--------------------------------------|---------------|
| Visual Differential Indicator | |
| Settings | Ordering code |
| 1.2 bar ±10% | DV A 12 x P01 |
| 2.0 bar ±10% | DV A 20 x P01 |
| 5.0 bar ±10% | DV A 50 x P01 |
| 7.0 bar ±10% | DV A 70 x P01 |
| 9.5 bar ±10% | DV A 95 x P01 |



A/F 28
Max tightening torque: 65 N·m

Hydraulic symbol



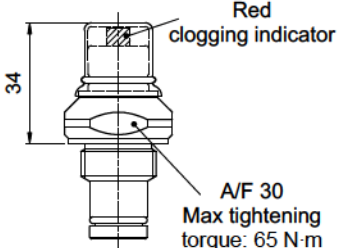
Materials

- Body: Brass
- Internal parts: Brass - Nylon
- Contacts: Silver
- Seal: HNBR - FPM

Technical data

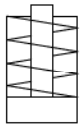
- Reset: Automatic reset
- Max working pressure: 420 bar
- Proof pressure: 630 bar
- Burst pressure: 1260 bar
- Working temperature: From -25 °C to +110 °C
- Compatibility with fluids: Mineral oils, Synthetic fluids
HFA, HFB, HFC according to ISO 2943
- Degree protection: IP65 according to EN 60529

| DVM | |
|--------------------------------------|---------------|
| Visual Differential Indicator | |
| 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 |



A/F 30
Max tightening torque: 65 N·m

Hydraulic symbol



Materials


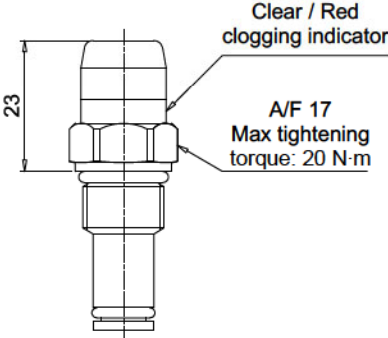
- Body: Brass
- Internal parts: Brass - Nylon
- Contacts: Silver
- Seal: HNBR - FPM

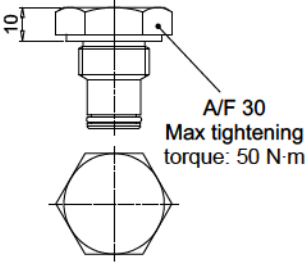
Technical data

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

DIFFERENTIAL INDICATORS

Dimensions

| DVS | | Hydraulic symbol | Materials - Body: Brass - Internal parts: Brass - Nylon - Contacts: Silver - Seal: HNBR |
|---|----------------------|---|---|
| Visual Differential Indicator | | | |
| Settings | Ordering code |  | Technical data - Reset: Automatic reset - Max working pressure: 16 bar - Proof pressure: 24 bar - Burst pressure: 48 bar - Working temperature: From -25 °C to +110 °C - Compatibility with fluids: Mineral oils, Synthetic fluids HFA, HFB, HFC according to ISO 2943 - Degree protection: IP67 according to EN 60529 |
| 2.5 bar ±10% | DV S 25 H P01 | | |
| 4.0 bar ±10% | DV S 40 H P01 | | |
|  | | | |

| T2 | | Indicator plug | Materials - Body: Phosphatized steel - Seal: HNBR / FPM |
|-------------|----------------------|---|--|
| Seal | Ordering code | | |
| HNBR | T2 H |  | |
| FPM | T2 V | | |
| | | | |

DIFFERENTIAL INDICATORS

| Series | Configuration example 1: | DE | H | 50 | F | A | 70 | P01 |
|---|--------------------------|----|---|----|---|---|----|-----|
| DE Electrical or Electronic differential indicator | Configuration example 2: | DE | M | 50 | H | F | 50 | P01 |
| DL Electrical / Visual differential indicator | Configuration example 3: | DE | S | 25 | H | A | 10 | P01 |
| DT Electronic differential indicator | Configuration example 4: | DL | E | 70 | V | A | 71 | P01 |
| DV Visual differential indicator | Configuration example 5: | DT | A | 50 | H | F | 70 | P01 |
| | Configuration example 6: | DV | M | 95 | V | | | P01 |
| | Configuration example 7: | DV | S | 40 | H | | | P01 |

| Type DE - DL - DT | DE | DL | DT |
|---|----|----|----|
| A Standard type | • | • | • |
| E For high power supply | | • | |
| H Hazardous area | • | | |
| M With wired electrical connection | • | | |
| S Compact version | • | | |

| Type DV |
|-------------------------------|
| A With automatic reset |
| M With manual reset |
| S Compact version |

| Pressure setting | DEA | DEH | DEM | DES | DLA | DLE | DTA | DVA | DVM | DVS |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 12 1.2 bar | • | | • | | • | • | • | • | • | |
| 20 2.0 bar | • | | • | | • | • | • | • | • | |
| 25 2.5 bar | | | | • | | | | | | • |
| 40 4.0 bar | | | | • | | | | | | • |
| 50 5.0 bar | • | • | • | | • | • | • | • | • | |
| 70 7.0 bar | • | • | • | | • | • | • | • | • | |
| 95 9.5 bar | • | | • | | • | • | • | • | • | |

| Seals | DEA | DEH | DEM | DES | DLA | DLE | DTA | DVA | DVM | DVS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| F MFQ | | • | | | | | | | | |
| H HNBR | • | | • | • | • | • | • | • | • | • |
| V FPM | • | • | • | | • | • | • | • | • | |

| Thermostat | DEA | DEH | DEM | DES | DLA | DLE | DTA |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|
| A Without | | • | • | • | • | • | • |
| F With thermostat | | | | • | | • | • |

| Electrical connections | DEA | DEH | DEM | DES | DLA | DLE | DTA |
|--|-----|-----|-----|-----|-----|-----|-----|
| 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 | | | • | | | | |
| 48 Connection M20 | | | • | | | | |
| 49 Connection 1/2" NPT | | | • | | | | |
| 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 |

DESIGNATION & ORDERING CODE - DIFFERENTIAL INDICATOR PLUG

| Series | Configuration example | T2 | H |
|--------------------------|-----------------------|----|---|
| T2 Indicator plug | | | |
| Seals | | | |
| H HNBR | | | |
| V FPM | | | |