

DTA*70	
<b>Electronic Differential Indicator</b>	
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	
<b>Visual Differential Indicator</b>	
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

Green / Red clogging indicator

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	
<b>Visual Differential Indicator</b>	
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

Red clogging indicator

A/F 30  
Max tightening torque: 65 N·m

**Hydraulic symbol**

**Materials**


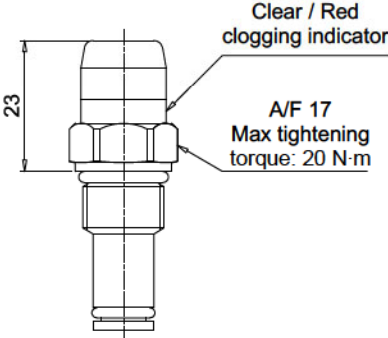
- Body: Brass
- Internal parts: Brass - Nylon
- Contacts: Silver
- Seal: HNBR - FPM

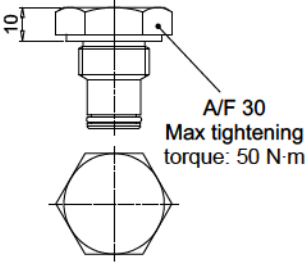
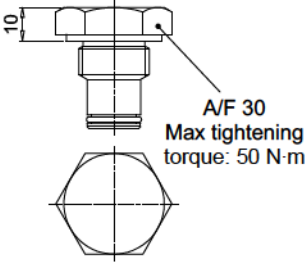
**Technical data**

- 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	<b>Materials</b> - Body: Brass - Internal parts: Brass - Nylon - Contacts: Silver - Seal: HNBR
<b>Visual Differential Indicator</b>			
<b>Settings</b>	<b>Ordering code</b>		<b>Technical data</b> - 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		Hydraulic symbol	<b>Materials</b> - Body: Phosphatized steel - Seal: HNBR / FPM
<b>Indicator plug</b>			
<b>Seal</b>	<b>Ordering code</b>		<b>Technical data</b> - 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
HNBR	T2 H		
FPM	T2 V		
			

### DIFFERENTIAL INDICATORS

Series	Configuration example 1:	DE	H	50	F	A	70	P01
<b>DE</b> Electrical or Electronic differential indicator	Configuration example 2:	DE	M	50	H	F	50	P01
<b>DL</b> Electrical / Visual differential indicator	Configuration example 3:	DE	S	25	H	A	10	P01
<b>DT</b> Electronic differential indicator	Configuration example 4:	DL	E	70	V	A	71	P01
<b>DV</b> 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
<b>A</b> Standard type	•	•	•
<b>E</b> For high power supply		•	
<b>H</b> Hazardous area	•		
<b>M</b> With wired electrical connection	•		
<b>S</b> Compact version	•		

Type DV
<b>A</b> With automatic reset
<b>M</b> With manual reset
<b>S</b> Compact version

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

Seals	DEA	DEH	DEM	DES	DLA	DLE	DTA	DVA	DVM	DVS
<b>F</b> MFQ		•								
<b>H</b> HNBR	•		•	•	•	•	•	•	•	•
<b>V</b> FPM	•	•	•		•	•	•	•	•	

Thermostat	DEA	DEH	DEM	DES	DLA	DLE	DTA
<b>A</b> Without		•	•	•	•	•	•
<b>F</b> With thermostat				•		•	•

Electrical connections	DEA	DEH	DEM	DES	DLA	DLE	DTA
<b>10</b> Connection AMP Superseal series 1.5				•	•		
<b>20</b> Connection AMP Timer Junior					•		
<b>30</b> Connection Deutsch DT-04-2-P					•	•	
<b>35</b> Connection Deutsch DT-04-3-P						•	
<b>48</b> Connection M20			•				
<b>49</b> Connection 1/2" NPT			•				
<b>50</b> Connection EN 175301-803			•				•
<b>51</b> Connection EN 175301-803, transparent base with lamps 24 Vdc							•
<b>52</b> Connection EN 175301-803, transparent base with lamps 110 Vdc							•
<b>70</b> Connection IEC 61076-2-101 D (M12)			•				•
<b>71</b> Connection IEC 61076-2-101 D (M12), black base with lamps 24 Vdc						•	
<b>80</b> Connection Stud #10-32 UNF				•			

Option
<b>P01</b> MP Filtri standard
<b>Pxx</b> Customized

### DESIGNATION & ORDERING CODE - DIFFERENTIAL INDICATOR PLUG

Series	Configuration example	T2	H
<b>T2</b> Indicator plug			
Seals			
<b>H</b> HNBR			
<b>V</b> FPM			