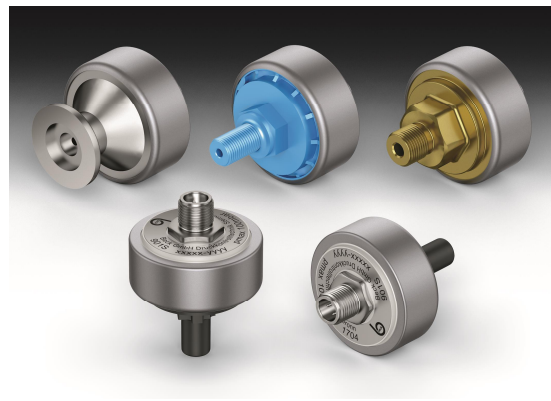


Pressure Transmitter 981

For measuring low pressures of various media



Application

Analogue pressure transmitter monitoring overpressure, vacuum or differential pressure of liquid and gaseous . also aggressive . media.

Temperature range

Ambient temperature from . 20°C bis +85°C.
Temperature of media up to 85° C depending on material of pressure connection and diaphragm.

Diaphragm material

Depending on media: NBR, Silicone, FKM (Viton®), EPDM. Others upon request.

Pressure range

0 ÷ 100 mbar. Others upon request.

Maximum operating pressure

500 mbar

Supply voltage

24 VDC

Output signal

3-wire; 0 - 10 VDC
2-wire; 4 - 20 mA

Electrical connection

AMP connection M12; 4-pole

Linearity error

< ± 1% FSO BFSL @20°C

Load

Min. 10 kΩ

Current draw

< 20 mA

Response time

500 ms

Weight

Approx. 100 g

Protection class

IP54 according to EN 60529

CE Conformance

RoHS Directive 2011/65/EU

Mounting position

Mounting in any position

Zubehör

Diverse mounting brackets

Availability

Samples starting September 2017
Series starting January 2018

Pressure connection

| Typ | Tube connection | | | Threaded connection | | | |
|--------|-----------------|---------|---------|--------------------------------|--------------------------------|----------------------------|------|
| | 5.0 mm | 6.5 mm | 10.0 mm | M10 x1 | G1/8 | G1/4 | G1/2 |
| 981.1x | PA | PA, PPS | PA, PPS | PA, PVDF, MS, V ₂ A | PA, PVDF, MS, V ₂ A | PVDF, MS, V ₂ A | MS |
| 981.2x | PA | PA, PPS | PA, PPS | PA, PVDF, MS, V ₂ A | PA, PVDF, MS, V ₂ A | MS, V ₂ A | MS |

PA = polyamide, PVDF = polyvinylidendifluoride, PPS = polyphenylensulfide, MS = brass, V₂A = stainless steel

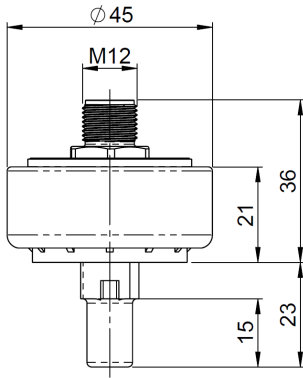
Upon request pressure connections of other sizes, other plastics or brass nickel-plated are available.

Viton® is a registered trademark of DuPont Dow Elastomers.

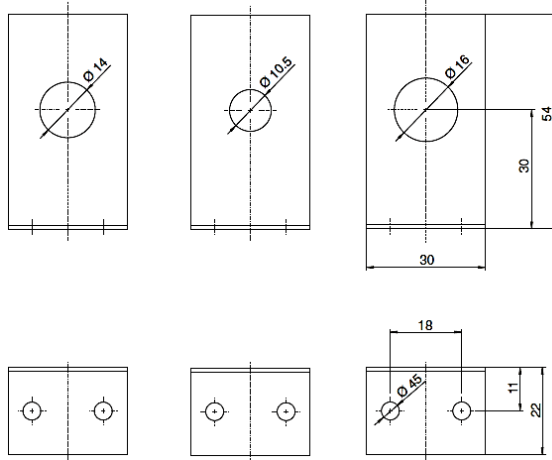
Pressure Transmitter 981

for measuring low pressures of various media

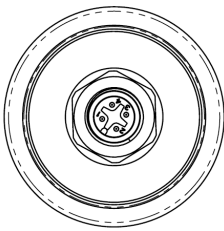
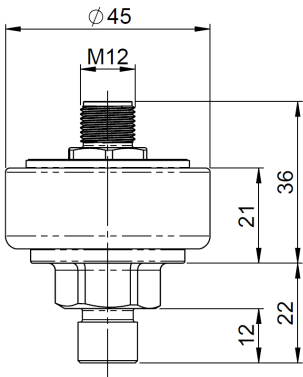
981.xx



Mounting brackets
6403 6404 6405

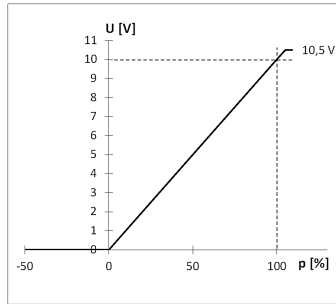


981.xx

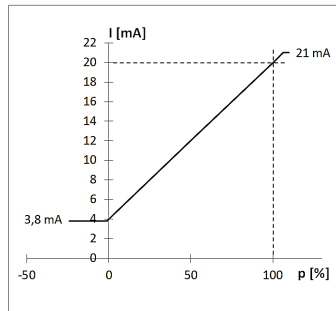


Analog output signal

0 . 10 V



4 . 20 mA



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