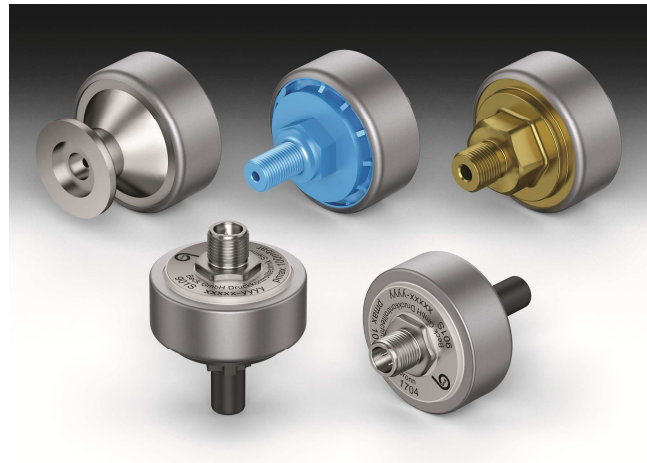


# Pressure transmitter 901S

for measuring low pressures with different mediums



## Applications

Analogue pressure transmitter for monitoring positive pressure of liquid or gaseous and also aggressive media. For example for level and atmospheric pressure tanks monitoring.

## Temperature range

Outdoor temperature -20 ° C to + 85 ° C.  
Fluid temperature up to 85 ° C depending on diaphragm and connection materials.

## Diaphragm materials

Depending on the medium: NBR, Silicone, FKM (Viton®), EPDM. Others on request.

## Measuring range

0 ... 100 mbar. Others on request.

## Maximum operating pressure

500 mbar

## Supply voltage

24 VDC

## Output signal

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

## Electrical connection

4-pole M12 flange socket

## Linearity

< ± 1% FSO BFSL @20°C

## Load

Min. 10 kΩ

## Current consumption

< 20 mA

## Response time

500 ms

## Weight

Ca. 100 g

## Protection

IP54 according to EN 60529

## CE conformity

RoHS directive 2011/65/EU

## Mounting position

Every

## Accessories

Various mounting brackets

## Availability

Samples starting from September 2017  
Production from January 2018

## Connections

Type	Hose connection			Threaded connection			
	5,0 mm	6,5 mm	10,0 mm	M10 x1	G1/8	G1/4	G1/2
901S.1x	PA	PA, PPS	PA, PPS	PA, PVDF, MS, V <sub>2</sub> A	PA, PVDF, MS, V <sub>2</sub> A	PVDF, MS, V <sub>2</sub> A	MS
901S.2x	PA	PA, PPS	PA, PPS	PA, PVDF, MS, V <sub>2</sub> A	PA, PVDF, MS, V <sub>2</sub> A	MS, V <sub>2</sub> A	MS

PA = Poliamyde, PVDF = Polyvinyl, PPS = Polyphenylene Sulfide, MS = Brass, V<sub>2</sub>A = Stainless steel

On request we can supply the connection type in other sizes, in nickel coated brass or other type of plastic.

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**901S.xx**

**Brackets**

**6403**

**6404**

**6405**

**901S.xx**

**Output signal**

**0 – 10 V**

**4 – 20 mA**

