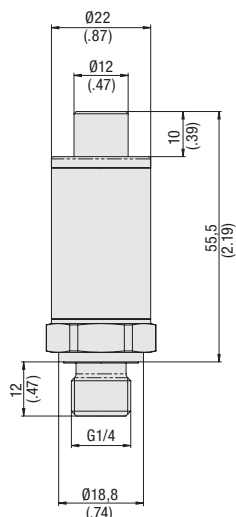
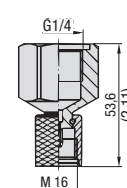


## Pressure Sensor ■ Type Sensor-PPC-04/12-P

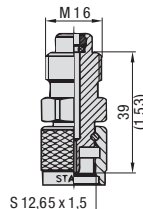
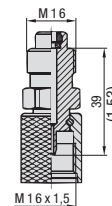
B



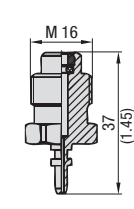
SDA-20-G1/4-W3



SAD-20/15-B-W3



SAD-20/12-B-W3



SAD-20/10-B-W3

### Product Description

The Pressure Sensor-PPC-04/12-P can be used with all analogue Hydraulic Testers of the PPC series, due to their 5-pin connection. Due to their sturdy Stainless Steel design, the quick response times (< 1 ms) and the high accuracy ( $\pm 0,25\%$  FS\* typ.) with automatic sensor recognition, the Pressure Sensors are a reliable and flexible solution for the Hydraulic Testers of the PPC series.

Note: A Connection Cable-PPC-04/12-3 (3 m / 9.84 ft) is needed to connect the Pressure Sensor-PPC-04/12-P to the current Hydraulic Testers. An Extension Cable-PPC-04/12-5-EXT (5 m / 16.40 ft) is also available as an option. See page 46 for further information.

### Order Codes

**Sensor-PPC-04/12-P - 015 - CAL**

①

#### ① Series and Type

Pressure Sensor **Sensor-PPC-04/12-P**

②

#### ② Version

See table

③

#### ③ Calibration

Without calibration certificate **(none)**  
With calibration certificate (factory calibration) **CAL**

Sensor-PPC-04/12-P	
Pressure Measurement	yes
Temperature Measurement	no
Process Connection	G1/4
Type	analogue 5-pin connection

### Technical Data

- Sturdy Stainless Steel housing (1.4301)
- FKM (Viton®) gasket
- Weight: 85 g / .19 lbs
- Suitable for gases and liquids (in the case of aggressive media, please contact STAUFF)
- 5-pin connection
- Pressure connection G1/4 (without adaptor)

#### Ambient Conditions

- Media temperature: -25 °C ... +105 °C / -13 °F ... +221 °F
- Ambient temperature: -25 °C ... +85 °C / -13 °F ... +185 °F
- Rel. humidity: < 80%
- Storage temperature: -25 °C ... +85 °C / -13 °F ... +185 °F
- Load cycles (10<sup>6</sup>): 100

#### Electrical Data

- Input voltage: 9 ... 36 V DC
- Output signal: 0 ... 3 V DC
- Response time: 1 ms
- Long-term stability: < 0,2 % FS\* / a
- Vibration loading: acc. to IEC 60068-2-6 (20 g)
- Shock loading: acc. to IEC 60068-2-27 (50 g)

#### Protection Rating

- IP 54 protection rating: Dust protected and protected against splashing water

### Pressure Range and Accuracies

Version	Pressure Range and Accuracies					
Sensor-PPC-04/12-P-	Pressure Measuring Range (bar/PSI)	Type of Measurement	Maximum Pressure (bar/PSI)	Burst Pressure (bar/PSI)	Accuracy (±% FS*) typ.	Accuracy (±% FS*) max.
015	-1 ... 15	Relative pressure	30	150	0,25	0,5
	-14.5 ... 217		435	2175		
060	0 ... 60	Absolute pressure	120	500	0,25	0,5
	0 ... 870		1740	7251		
150	0 ... 150	Absolute pressure	300	900	0,25	0,5
	0 ... 2175		4351	13053		
400	0 ... 400	Absolute pressure	800	1200	0,25	0,5
	0 ... 5801		11603	17404		
600	0 ... 600	Absolute pressure	1200	1800	0,25	0,5
	0 ... 8702		17404	26106		
601	0 ... 600 **	Absolute pressure	1200	2500	0,25	0,5
	0 ... 8702		17404	36259		

\* FS = Full Scale

\*\* Pressure peaks up to 1000 bar / 14503 PSI

### Connection Adaptors for PPC Sensors

In addition to the Pressure Sensors, different adaptors and adaptor sets are available that not only connect to the STAUFF Test 20 (SDA-20-G1/4-W3), but also to the Test Couplings

of the STAUFF Test 15/12/10 series (SAD-20/15-B-W3, SAD-20/12-B-W3, SAD-20/10-B-W3). For further information please see Catalogue 7 - STAUFF Test.