

# PRESSURE

## Pressure measuring connector for barometric pressure FDA 612 SA, FDAD 12 SA



FDA 612 SA

- ▶ Compact design - can be plugged directly onto measuring instrument.
- ▶ Piezo-resistive pressure sensor - ensures high measuring accuracy.

### Accessories

- Connecting cable, 0.2 meters Order no. ZA9060AK1
- Extension cable, 4 meters Order no. ZA9060VK2
- Extension cable, 4 meters Order no. ZA9060VK4

### Variants (including manufacturer's test certificate)

Pressure measuring connector for barometric pressure

with pressure terminal sleeve

**Order no FDA612SA**

**New** without press. terminal sleeve\*

**Order no FDAD12SA**

\* Factory calibration only possible for 1 point (current ambient pressure)

### Technical data

#### Pressure meas. connector FDA612SA with pressures terminal

Measuring range	700 to 1050 mbar (total range 0 to 1050 mbar)
Overload capacity	Maximum - 1.5 times final value
Accuracy	±0.5 % of final value
Nominal temperature	25 °C
Temperature drift	<±1 % final value at 0 to +70 °C
Hose terminals	Ø 5 mm, 12 mm long
Sensor material	aluminum, nylon, silicone, silica gel, brass

#### Pressure measuring connector FDAD12SA

Measuring range	700 to 1100 mbar (total range 300 to 1100 mbar)
Accuracy	±2.5 mbar at 0 to 65 °C

### Common technical data

Operating range	-10 to +60 °C, 10 to 90% RH, non-condensing
Dimensions	90 x 20 x 7.6 mm

## Pressure measuring connector for differential pressure FDA 612 SR, FDA 602 S2K



- ▶ New compact design - can be plugged directly onto measuring instrument.
- ▶ Piezo-resistive pressure sensor - ensures high meas. accuracy.

 **Advisory note** when used in conjunction with ALMEMO® 2890, 5690, 5790, 8590, 8690: The new ALMEMO® pressure measuring connector is very slightly higher (8.8 mm). As a result adjacent input sockets on the ALMEMO® device may be partly covered. However, the 1st input socket can always be used without restriction. Or, alternatively, the ALMEMO® pressure measuring connector can be plugged in at any input socket using connecting cable ZA9060AK1.

### Accessories

- Connecting cable, 0.2 meters Order no. ZA9060AK1
- Extension cable, 2 meters Order no. ZA9060VK2
- Extension cable, 4 meters Order no. ZA9060VK4

### Variants (including manufacturer's test certificate)

(including one set of silicone hoses, 2 meters)

Pressure measuring connector for differential pressure

Range ±1000 mbar Order no. FDA612SR

Range ±250Pa (independent of position) Order no. FDA602S2K

Range ±1250 Pa or ±6800 Pa see page 10.06

### Technical data

Overload capacity	FDA612SR max.- 1.5 times final value
	FDA602S2K maximum 250 mbar
Accuracy (zero-pt adjusted)	±0.5% of final value in range 0 to positive final value
Common mode pressure	FDA602S2K max. 700 mbar
Nominal temperature	25 °C
Temperature drift	FDA612SR < ±1.5 % of final value compensated temperature range 0 to +70 °C
	FDA602S2K < ±2 % of final value compensated temperature range -25 to +85 °C
Operating range	-10 to +60 °C, 10 to 90% RH, non-condensing
Dimensions	<b>New</b> 74 x 20 x 8.8 mm
Hose terminals	Ø 5 mm, 12 mm long
Sensor material	aluminum, nylon, silicone, silica gel, brass