



Pressure sensor A-1200 | IO-Link PNP or NPN switching output

Smart. Advanced.  
Pioneering.



Smart in sensing

# A-1200: Performance times five

## A-1200 Pressure switch

available with PNP/NPN switching output.

### A-1200 Pressure sensor with IO-Link



 **IO-Link**

✓

✓

✓

**Robust**

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✓

**Factory set**

✓

✓

✓

**Status LED**

✓

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**Number of  
switching outputs**

1 or 2

1 or 2

1 or 2

Thanks to IO-Link, the A-1200 pressure sensor is ideal for use in intelligent machines. To ensure precise measurement results over the long term, the sensor has integrated diagnostic functions that monitor the instrument status.

This sensor can be flexibly programmed via IO-Link and used in a variety of ways, whether for pressure monitoring or as an electronic PNP/NPN switch for process control.



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Industry 4.0-ready IO-Link sensor improves connectivity and diagnosis

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Fully welded heavy-duty version copes with rough demands of up to 1,000 g shock and temperatures from -40 ... +125 °C [-40 ... +257 °F]

✓

✓

Optimized design and customer-specific parameterisation makes OEM machine integration easier

✓

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Multicolour 360° LED status display simplifies troubleshooting and localisation

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# Specifications model A-1200



Pressure ranges	0 ... 0.4 bar to 0 ... 1,000 bar 0 ... 0.4 bar to 0 ... 25 bar abs. -1 ... 0 bar to -1 ... +24 bar
Medium temperature	-30 ... +100 °C (option: -40 ... +125 °C)
Accuracy	≤ ±1 % (option: ≤ ±0.5 %)
Shock loads	up to 1,000 g
Switching current	max. 250 mA
Service life	100 million switching cycles
Data sheet	PE 81.90

Visibility 360°

Operation

Warning

Overpressure  
Underpressure  
Overtemperature  
Undertemperature

Error

Sensor defect



Simply scan the QR code and discover the A-1200 on our official YouTube channel.