

Electronic pressure switch, setting range 0 - 1 bar, analogue output 4 - 20 mA

Item no. FL-592032

Manufacturer Fluidics equipment

EAN 4050571205294

In service the pressure switch monitors the pressure, displays it and switches two freely settable outputs. The decisive figure is a setting range of 0 - 1 bar.

TECHNICAL DATA

Ausführungstyp	Analogausgang 4 - 20 mA
Weight	0.04 kg
Zolltarifnummer	84812010



DESCRIPTION

This pressure switch monitors the pressure, displays it and switches two freely settable outputs. The data sheet gives a setting range of 0 - 1 bar. The stated material is 1.4301 with wetted parts in 1.4404. This version is supplied with the analogue output 4 - 20 mA version.

BENEFITS

- Setting range 0 - 1 bar, safe against overpressure up to 2.0 bar.
- Two switching outputs in PNP or NPN, each one freely set as normally open, normally closed, window or hysteresis.
- Switching accuracy 0.5 % of span with a life of 100 million switching cycles.
- Four-digit LED display with 9 mm digits, readable without any extra device.
- Protection IP 67 with a supply voltage of 15 to 35 V (DC).
- Version analogue output 4 - 20 mA for the link into the control system.

TECHNICAL DATA

Version	analogue output 4 - 20 mA
Setting range [bar]	0 - 1
Overpressure safe up to [bar]	2.0
Body	1.4301
Wetted parts	1.4404 and NBR
Display	four-digit LED display, 9 mm digits

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Medium temperature range	-20 to +85 °C
Ambient temperature	-20 to +80 °C
Protection	IP 67
Supply voltage	15 - 35 V (DC)
Current draw	45 mA
Electrical connection	M 12 plug, A-coded, 4-pole
Switching outputs	2 outputs PNP or NPN, max. 250 mA (DC)
Switching accuracy	0.5 % of span
Pressure port	G 1/4" male thread with elastomer seal
Life	100 million cycles

APPLICATIONS

On hydraulic power units the device watches the range 0 - 1 bar and takes peaks up to 2.0 bar.