

DISPLAY PRESSURE SWITCH

DPS Series

DESCRIPTION

The DPS is the ideal combination of pressure switch and transmitter with a pressure display. The parameters are set on the device or in a timesaving way via an NFC – smartphone App. The settings in combination with a comprehensive set of options make this switch suitable for a wide range of demanding applications.

FEATURES

- Analog output switchable to Volts or Ma
- Two switching outputs PNP
- Parametrisation also via NFC-smartphone App (Android)
- Threefold overpressure resistance, measuring principle thin film on steel
- Display and electrical connection are independently rotatable 335°/343°



TECHNICAL DATA

Measuring principle	Thin film on steel	Media Temperature	-25°C...+85°C
Inlet connections	1/4" NPTM	Ambient temperature	-25°C...+85°C
Output signal	4-20mA, 0-5 VDC, 1-5 VCD 0-10 VOC, Switch ABLE mA or V	Pressure unit for display	bar, psi, MPa, kPa, m WC, mm WC
Switching output	2 transistors PNP	Logger	Ring buffer: 3518 data points Sampling time: 0.1...999.9 x, Off (0)
Accuracy @ 25 C typ.	± 0.5% FS typ.		

HOW TO ORDER

Model	Measuring Range*
DSP-0400-P4M	0-400 psig
DSP-3000-P4M	0-3000 psig

*Other pressure ranges available.