

Pressure Transmitter DMU 891s

For pressure from 0,1 bar up to 1600 bar

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General features

Relative pressure measurement through a piezoresistive sensor, temperature compensated.
Sealed stainless steel body, filled with silicon oil, with built in electronics and provides normally IP 65 protection.

The transmitter converts the applied pressure spans into a pressure proportional standard two wire current loop signal of 4...20 mA.

The electrical connection is an angled connector according to DIN 43650.

Special characteristics

- ⇒ Wetted parts of stainless steel
- ⇒ Case of stainless steel
- ⇒ Wiring with plug
- ⇒ Ingress protection IP 65 to IP 68

Technical Data

Pressure connection	
Power supply	10...30 VDC
Signal output	4...20 mA, 2-wire system
maximum load R	$R = (U_B - 10 \text{ V}) / 0,02 \text{ A}$
Accuracy	0,5% of span
Hysteresis	< 0,1% of span
Permissible temperature of medium	-30...+100°C
Degree of protection	IP 65

Pressure ranges
0...1 bar
0...4 bar
0...6 bar
0...10 bar
0...16 bar
0...25 bar
0...40 bar
Other ranges on request

Pressure connection
on request

