

PRESSURE TRANSMITTER MBS 1900

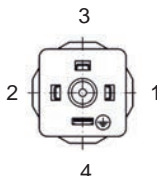
Description

The pressure transmitter is designed for use in air and water applications.
Wetted parts of stainless steel (AISI 304).
Output signals: 4-20 mA.
RoHS conformity.



Electrical Connections

Pin	
1	+V=
2	-V=
3	N.C.
4	⏏ *



Upper View

* : Not connected to enclosure

Technical Data

Pressure Range MBS1900-10 : 0...10 Bar
MBS1900-16 : 0...16 Bar
MBS1900-25 : 0...25 Bar
MBS1900-40 : 0...40 Bar

Overload Pressure 3xFS

Burst Pressure 4xFS

Output signal 4...20 mA

Supply voltage 9...28 V= (polarity protected)

Precision ± 0,5% FS

Hysteresis and repeatability ± 0,1% FS

Response time < 4 ms

Wetted parts Inox. 1.4301 (AISI 304)

Body Inox. 1.4404 (AISI 316 L)

Sensor Element Piezoresistive

Temperature compensation Yes

Vibration Stability IEC 60068-2-6, IEC 60068-2-24

Shock resistance 200 g, (1 ms.) IEC 60068-2-27

Connection G 1/2"A (EN 837), 0...10/16 Bar

G 1/4"A (EN837), 0...25/40 Bar

Recommended torque 20 Nm

Connector EN 175301-803-A, Pg9

Fluid temperature range 0...+80 °C

Ambient temperature range -20...+80 °C

Weight 80 g

Protection rating IP65 (with connector and joint)

EMC emission EN 61000-6-3



(*) These elements are essential to guarantee the watertightness of the device (IP65)

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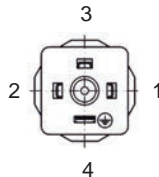
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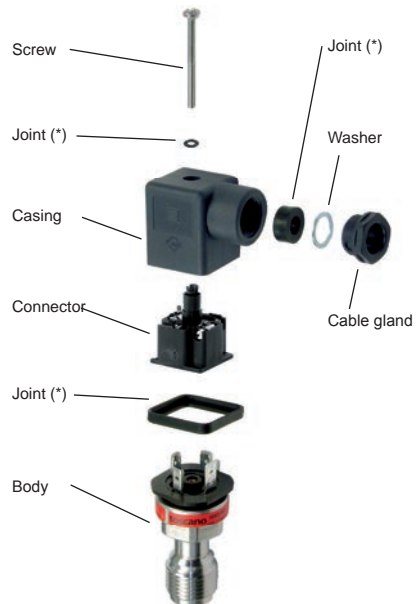
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