



AF905 Pressure level transmitter

Order by 2 pm - Shipping on the same working day

229,03 € offline price 242,36 €

Incl. 5.5% online discount for online orders

Overview

- Suitable for measuring the level of water, water-based media, heating oil and fuels
- The submersible pressure transmitter is lowered to the bottom of the vessel
- Measuring range 0...0.5 bar / 0...5 mH₂O
- The relative pressure measuring cell ensures an accurate analogue signal and good long-term stability
- Pressure compensation with the ambient pressure by means of a capillary tube integrated in the connection cable with a filter to protect against tube clogging

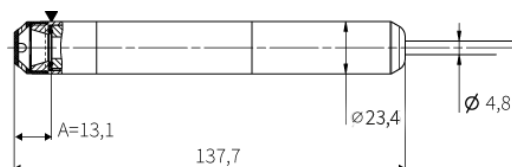
In daily use - proven millions of times over. Products from autosens are under highest quality requirements regarding robustness, insensitivity and reliability.

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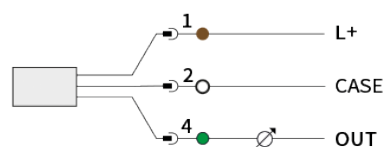
www.autosens.com/AF905

Direct link to the article on autosens.com

Dimensional drawing



Connection & pin assignment



Wiring & pin configuration legend

CASE = case grounding



General information

Range of application	Water, water-based media, heating oil, fuels
Installation	Immerse level transmitter with cable to the ground; alternatively installation in 1-inch tube
Measuring range	0...0.3 bar / 0...3 mH ₂ O
Sensor type	Level probe

Outputs / inputs

Analogue output	4 ... 20 mA
IO-Link	No

Electrical data

Electric strength towards case	500 V DC
Operating voltage	10 ... 30 V DC
Voltage type	Direct voltage (DC)
Current consumption max.	20mA
Max. load [Ω]	< (supply voltage - 7 V) / 0.02 A
Protection class	III
Short-circuit protection	Yes
Reverse polarity protection	Yes

Mechanical data

Materials in contact with the medium	V4A (1.4404) FPM Al ₂ O ₃ (ceramic) PE-HD
Sensor material	Al ₂ O ₃ (ceramic)
Material protection cover	PPE
Material of housing	V4A (1.4404)
Material of seal	FPM
Electrical connection	Open cable
Cable length KL	10 m
Material of cable sheath	PE-HD

Accuracy

Resolution	0,2 % FS*
Max. Deviation at 25°C	± 0.8 % FS* incl. zero point, full scale, linearity, hysteresis and repeatability
Thermal behaviour	± 0.5 % FS* / 10K
Long-term stability according to IEC EN 60770-1	± 0.25 % FS*
Comment	*FS: Fullscale

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Ambient conditions

Maximum container pressure	3 bar
Medium temperature	-20 ... 80 °C°C
Protection rating	IP68

Additional information

Accessories included with delivery	1 protection cover 1 protective filter for the ventilation pipe
EMC test	EN 61326-2-3
Approval	CE cULus



Accessories: Cable clamp fastener



AA967

Cable clamp fastener for AF901-906

Unit price: 15,98 €*

Accessories: Junction box



AA968

Junction box for AF901-906

Unit price: 45,70 €*

Accessories: Display for analog sensors



AG002

TFT display for sensors

Unit price: 185,07 €*



AG001

Process Display

Unit price: 92,43 €*



AD003

Display for analogue signals

Unit price: 110,36 €*



AN004

Multifunction relay for sensors

Unit price: 152,63 €*

Accessories: Cable by the metre, 4-wire



AA701

Sensor cable 50 m ring PVC
4x0.25 mm²

Unit price: 25,15 €*



AA702

Sensor cable 100 m ring PVC
4x0.25 mm²

Unit price: 46,71 €*



AA705

Sensor cable 50 m ring PVC
4x0.34 mm²

Unit price: 46,82 €*



AA703

Sensor cable 50 m ring PUR
4x0.34 mm²

Unit price: 63,67 €*



AA706

Sensor cable 100 m ring PVC
4x0.34 mm²

Unit price: 89,42 €*



AA704

Sensor cable 100 m ring PUR
4x0.34 mm²

Unit price: 125,40 €*

Accessories: M12 connector | 4-pin | plug



AA946

Wireable connector angled M12

Unit price: 7,01 €*



AA921

Wireable connector M12

Unit price: 7,01 €*



AA961

Wireable connector angled M12
IP69k

Unit price: 15,00 €*



AA959

Wireable connector straight M12
IP69k

Unit price: 15,00 €*

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