

SUBMERSIVE LEVEL TRANSMITTER

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SUBMERSIBLE LEVEL TRANSMITTER 27 mm DIAMETER, SS SENSOR

The 77302002 submersible level transmitter is designed for level measurement in contact with the medium under harsh operating conditions. It offers an accuracy of 0.5 %FS and with IP 68 degree of protection, it is suitable for static level measurements up to 120 m water column.

Measurement ranges from 2 m water column up to 120 m water column.

It offers an IP68 submersible level measurement.

Standard 4...20 mA output.

Used for level monitoring in drinking water systems, groundwater monitoring, domestic water reservoirs or rain spillway basin.



Measurement ranges

Nominal pressure [mH ₂ O]	2	4	5	8	10	12	15	20	25	30	40	50	60	80	100	120
Overpressure [mH ₂ O]	3	6	7	12	15	15	20	30	35	40	50	60	70	100	110	130

Technical data

Accuracy: 0,5% FS.

Process temperature: -10... +50 °C.

Temperature compensation range: -10...50 °C

Vibration: 20g RMS(de 20 a 2000 Hz)

Shock: 100 g (10ms)

Cycles: 10x10⁵

Housing: AISI 316 SS

Diaphragm: AISI316 SS

Cable sheath: PUR, PE, PTFE

Protection: IP68

Weight: ~250 g (without cable)

Standard cable length: 10 m

Power supply: 12...30 VDC

Output: 2 cables 4...20 mA, (other outputs available)

Insulation: 100MΩ@100VDC

This publication does not try to establish the bases of a contract and the company keeps the right to modify without previous notice the design and the specifications of the instruments, in accordance with his politics of continued development.

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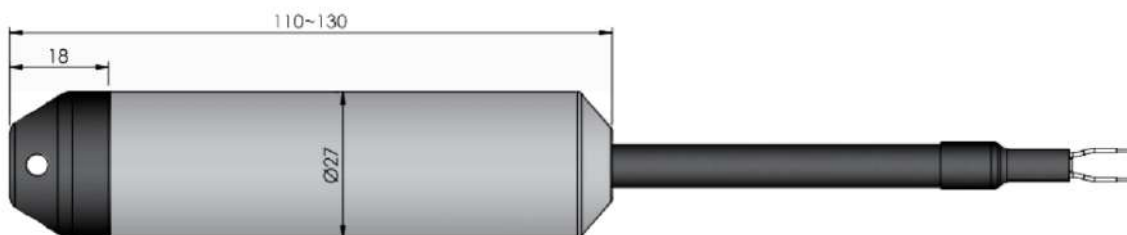
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Wiring

Cable outlet	4...20 mA	1...5 VDC	0,5...4,5 VDC	RS485
+Vcc	Red	Red	Red	Red
OUT/RS485A/SDA	Green	Yellow	Yellow	Yellow
GND		Green	Green	Green
RS485B/SCL				Blue

Dimensions [mm]



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