

TSP-M

Water Level Sensors

Submersible pressure transmitters type TSP-M for level measurement with a membrane separator are intended for very accurate measurement of liquid column of polluted liquids. They are used for level measurement of waste water, waste water in sewerage system, sewage treatment plants or waste water in pumping stations.



Suited for accurate measurement in polluted liquids (waste water, sewage, etc.)



Standard level ranges 0 to 0.25 m up to 800 m



Separating membrane made of AISI 316L



Integration into upper control systems

Technical data

Measure type	overpressure, liquid column
Measuring range	0 to 0.25 m up to 800 m
Media temperature	-40 °C to +60 °C
Accuracy	0.25 % only for ranges \geq than 10 m 0.5 %; 1 % FS (optional)
Weight (without connecting wires)	250 to 500 g

Thermal effect - temperature compensation

Standard	< 0.1 % / 10 °C (in range 0 to +70 °C)
Special	< 0.03 % / 10 °C
Stability	0.2 % FS / year
Output	<ul style="list-style-type: none"> • 4 to 20 mA 2 - wire • 0/4 to 20 mA 3 - wire • 0 to 1 V 3 - wire • 0 to 10 V 3 - wire • RS-485 other on request
Power supply	24 V / DC / 8 V to 36 V



ISO Quality Certified Company

All specifications are subject to change without prior notice.
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