

Level Transmitter TDS-42-xxx series - Capacitive, stainless steel measuring cell



'High end' submersible gauge transducer of type 42-xxx :
Precise, with industrial robustness and best reliability.

Technical Data:

Meas. ranges:	0 - 200 hPa up to 0 - 2000 kPa, relative. (= 200mbar up to 20 bar)
Output:	4...20 mA, 2-wire principle
Supply voltage:	12...30 V dc
Measuring cell:	Capacitive meas. cell: steel 1.4571, Laser-welded. With cell protection cap.
Accuracy/Error:	< 0,25 % FSO
Thermal drift:	< 0,02 % / K
Response time:	200 ms
Ambient temp.:	-20 °C ... +100 °C
Housing:	IP68, stainless steel 1.4571 Diameter 27 mm
Weight of probe:	0,25 kg without cable. 5m cable ~ 0,3 kg.
Cable:	Double-coated special cable made of FEP/TFP, shielded, d = 8 mm, highest long-term oil resistance. With ventilation capillary.
Main applications:	Industrial applications, Highest reliability and operation life. Use in storage tanks and turnover tanks and in most liquids * at Gasoline and A2 or A3 fuel Please ask for the options.

Options:

Also consignable with
EEx performance (ATEX certificate)
and surge protection (induction).

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