

Level Transmitter - Submersible, capacitive, with surge protection

Series TDS-80-xxx or TDS-80-xxx-EE



- precise and tough level probe* -

Technical Data:

Ranges:	0 - 40 mbar bis 0 - 10 bar, relative. (0 - 4 kPa bis 0 - 1000 kPa) xxx = meas. range in mbar (hPa)
Output:	4 ÷ 20 mA, 2-wire
Supply voltage:	10 ÷ 32 V DC Integrated electrical surge protection.
Measuring cell:	<u>Capacitive</u> meas. cell, Ceramic AL ₂ O ₃ , Normally with cell protecting cap.
Error:	< 0,33 % FSO
Thermal drift:	< 0,02 % / K
Response time:	< 200 ms
Ambient temp.:	-20 ... +80 °C
Housing:	IP68 Stainless steel 1.4404 Diameter 40 mm
Weight of probe:	~ 0,5 kg, without cable
Cable:	d = 8 mm, shielded. With ventilation capillary. Length suitable in every 5 m. - PUR, blue, food capable. Certificate for drinking water. - Or PUR, black, for oil media.
Main applications:	Water, water well, outdoor, food, a.o. In special design: e.g. for gasoline*, biogene fuels, ethanol, E85, and more*. * = Conditionally with Serto screwing for cable protection pipe d=12 mm

