

Level Transmitter - submersible, capacitive

Series TDS-80xx

or TDS-80xx-EEx



- precise and tough level probe -

Optionally for **EEx** application:

- With ATEX certificate as type **TDS-80xx-EEx**, inherently safe. E.g. for gasoline storage tanks.
- Connection via electrical surge barrier !

Technical Data:

Ranges:	0 - 40 mbar up to 0 - 10 bar relative. Standard: 0-200 mbar, 5m cable
Output:	4 ... 20 mA, 2-wire
Supply voltage:	10 ... 32 V DC Integrated electrical surge protection.
Measuring cell:	ceramic Al_2O_3 , <u>capacitive</u> meas. cell
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:	With ventilation capillary, shielded, d = 8 mm, suitable in every 5 m. - PE, blue, food capable - or HD-PE, blue (best oil resistance)

Applications:

As standard type
e.g. for heating oil, diesel, lubrication oil,
water, water well, outdoor, food, a.o.

As special design
e.g. for gasoline, biogene fuels,
ethanol, E85, and more.
* = conditionally with Ermeto screwing
for cable protection pipe of 12 mm

