

## Level Transmitter - Submersible, capacitive, with surge protection

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



- precise and tough level probe\* -

#### Technical Data:

<b>Ranges:</b>	0 - 40 mbar bis 0 - 10 bar, relative. (0 - 4 kPa bis 0 - 1000 kPa) xxx = meas. range in mbar (hPa)
<b>Output:</b>	4 ÷ 20 mA, 2-wire
<b>Supply voltage:</b>	10 ÷ 32 V DC Integrated electrical surge protection.
<b>Measuring cell:</b>	<u>Capacitive</u> meas. cell, Ceramic AL <sub>2</sub> O <sub>3</sub> , Normally with cell protecting cap.
<b>Error:</b>	< 0,33 % FSO
<b>Thermal drift:</b>	< 0,02 % / K
<b>Response time:</b>	< 200 ms
<b>Ambient temp.:</b>	-20 ... +80 °C
<b>Housing:</b>	IP68 Stainless steel 1.4404 Diameter 40 mm
<b>Weight of probe:</b>	~ 0,5 kg, without cable
<b>Cable:</b>	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.
<b>Main applications:</b>	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

