

## Level Transmitter - submersible, capacitive

## Series TDS-89-xxx



- precise and tough level probe -

### Technical Data:

<b>Ranges:</b>	0 - 40 mbar up to 0 - 10 bar relative. (0 - 4 kPa up to 0 - 1000 kPa) Standard: 0-200 mbar, 6m cable
<b>Output:</b>	4 ÷ 20 mA, 2-wire
<b>Supply voltage:</b>	10 ÷ 32 V DC
<b>Measuring cell:</b>	Capacitive measuring cell. ceramic AL <sub>2</sub> O <sub>3</sub> , Chooseable: Protection cap or wide bearing for open meas. cell.
<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. With ventilation capillary. Length suitable in every 5 m.  - PUR material, black. For long time use in oil (but not gasoline, petroleum, kerosene. In that case ask for special type).
<b>Main applications:</b>	Storage tanks and fast moving tanks for heating oil, diesel, motor oil, lubrication oil, many industrial liquids. Inquire for spec. media.  Not for EEx zone. No internal surge protection. (Refer type TDS-80-xxx instead.)

