

## 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:

<b>Meas. ranges:</b>	0 - 200 hPa up to 0 - 2000 kPa, relative. (= 200mbar up to 20 bar)
<b>Output:</b>	4...20 mA, 2-wire principle
<b>Supply voltage:</b>	12...30 V dc
<b>Measuring cell:</b>	Capacitive meas. cell: steel 1.4571, Laser-welded. With cell protection cap.
<b>Accuracy/Error:</b>	< 0,25 % FSO
<b>Thermal drift:</b>	< 0,02 % / K
<b>Response time:</b>	200 ms
<b>Ambient temp.:</b>	-20 °C ... +100 °C
<b>Housing:</b>	IP68, stainless steel 1.4571 Diameter 27 mm
<b>Weight of probe:</b>	0,25 kg without cable. 5m cable ~ 0,3 kg.
<b>Cable:</b>	Double-coated special cable made of FEP/TFP, shielded, d = 8 mm, highest long-term oil resistance. With ventilation capillary.
<b>Main applications:</b>	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).

4...20 mA, 2-wire

