Level Probe Model LS-10

Modelcode type: LS-10

Item number: 12306282

MEASURING RANGE	
Measuring range	0 ... 5 mH2O
OUTPUT SIGNAL	
Output signal	4 ... 20 mA
Load in Ω	≤ (power supply - 10 V) / 0.02 A - (cable length in m x 0.14 Ω)
POWER SUPPLY	
Power supply	DC 10 ... 30 V
Current consumption	≤ 30 mA
ACCURACY INFORMATION	
Accuracy	≤ ±0.5 % of span
Non-linearity	≤ ±0.2 % of span
Non-repeatability	≤ 0,1 % of span
Long-term stability	≤ ±0,2 % of span/year
OPERATING ENVIRONMENT CONDITIONS	
Media temperature	-10 ... +50 °C (14 ... 122 °F)
Ambient temperature	-10 ... +50 °C (14 ... 122 °F)
Storage and transport temperature	-30 ... +80 °C (-22 ... +176 °F)
Ingress Protection	IP68
Max. tensile force of the cable	Without strain relief: up to 350 N With strain relief: up to 1,000 N
MATERIALS	
Case	1.4571 / 316Ti
Sensor element	1.4571 / 316Ti
Protection cap	PA
Cable	PUR
ELECTRICAL CONNECTION	
Cable length	15 m
Pin assignment	U+ brown, U- green, shild grey

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ELECTRICAL SAFETY	
Short-circuit resistance	S+ vs. U-
Reverse polarity protection	U+ vs. U-
CE-CONFORMITY, APPROVALS AND CERTIFICATES	
CE conformity	CE
China RoHS II	

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