

HLS EMP-SLS LEVELSENSOR HLS EMP-PWR LEVELSENSOR

SPECIFICATIONS / SPEZIFIKATIONEN

Levelsensor / Levelsensor	PWR - F	PWR - I	SLS
Sensor principle / Messsystem	capacitive	capacitive	capacitive
Signal conditioning / Signalaufbereitung	integrated	external	external
Measuring range max. Messbereich maximal	45 mm	45 mm	14 mm
Resolution @ Touchpoint Auflösung am Touchpoint	< 2 microns	< 2 microns	< 2 microns
Touchpoint below electrode Distanz Touchpoint zu Elektrode	1.2 mm	1.2 mm	1.2 mm
Accuracy + Repeatability Genauigkeit + Repetition	< 10 microns	< 10 microns	< 10 microns
Output signal direct (calibration sheet) Ausgangssignal direkt (Kalibrierblatt)	0 - 2.5V DC	-----	-----
Output signal via conditioning unit (calibration sheet) Ausgangssignal via Steuereinheit (Kalibrierblatt)	-----	+ 5 / - 8 Volt DC	+ 5 / - 8 Volt DC
Conditioning unit inputs	-----	max. 8 sensors	max. 8 sensors
Power requirements PWR Sensor Energiebedarf PWR Sensor	12 Volt / 150mA	-----	-----
Power requirements conditioning unit with Levelsensors	-----	24 Volt, 150 mA / Levelsensor	24 Volt, 150 mA / Levelsensor
Temperature sensor Temperatur Sensor	YSI 4406 / NTC	YSI 4406 / NTC	YSI 4406 / NTC
Connecting tube diameter ID / OD	54 / 50 mm	54 / 50 mm	25 / 21 mm
Number of connecting tubes	2	2	1
Inner diameter of the pot Innendurchmesser des Sensors	Ø70 mm	Ø70 mm	Ø70 mm
Outer diameter of the pot Aussendurchmesser des Sensors	Ø100 mm	Ø100 mm	Ø100 mm
Total height / Höhe total	153 mm	153 mm	132 mm
Material	1.4435 stainless steel	1.4435 stainless steel	1.4435 stainless steel
Weight / Gewicht	5 kg	5 kg	5 kg



Level Sensor PWR-F



Level Sensor SLS with HLS electronic unit
Level Sensor SLS mit HLS Steuereinheit

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