

## KELLER SMALL DIAMETER LEVEL SENSOR

SPECIFICATIONS		
Dimensions	Length: 123 mm	Diameter: 16 mm
Ranges (FS)*	30 m	
Water Column	30 MH <sub>2</sub> O	
Output	RS485	
Supply (U)	3.2...32VDC	
Accuracy @ RT	0.025 %fs typ.	
Total Error Band (0 – 50 °C)	0.2 %FS	
Resolution	0.002 %FS	
Output Rate	400 Hz	
Long Term Stability typ.	Range <1 Bar: 2 mbar Range >1 bar: 0.2 %F	
Load Resistance	< (U – 10 V) / 25 mA (2-wire)	
Electrical Connection (Cable)	PR: polyethylene (PE) Ø 5,8 mm (vented)	
Insulation	> 10 MΩ / 500 V	
Storage-/Operating Temperature	-20...80 °C (icing not permitted)	
Vibration Endurance, IEC 60068-2-6	20 g (10...2000 Hz)	
Shock Endurance, IEC 60068-2-27	50 g (11 ms)	
Protection	IP68	
CE-Conformity (EMC)	EN 61000-6-1 to 6-4 / EN 61326-1 / EN 61326-2-3	
Lightning Protection	Supply and RS485 200A @ 8/20 μs GND/CASE 2000A @8/20 μs	
Materials	Stainless Steel AISI 316L / Viton ® / PE	
Weight (without cable)	= 200 g	