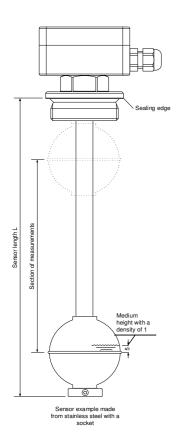


Technical Datasheet

Individual Sensor



Mechanical characteristics		
Mechanical connections	G3/8", G1/2", G1", G1.5", G2", flange (optional incl. counter nut)	
Mechanical materials	PVC, PP, PVDF and stainless steel	
Float materials	PVC, PP, PVDF and stainless steel	
Float dimensions	Ø 40–52 mm	
Pipe dimensions	Ø 12–16 mm 100–2000 mm	
Sensor length		
Installation types	From the inside, from the outside or an inverted	
Installation position	Max. 30°	

Electrical characteristics				
Section of measurements	100–2000 mm (dependent on the float and the grid dimensions)			
Measuring grid	5 mm, 10 mm or 15 mm			
Electrical connections	Socket, cable, plug-in connector or as per a specific customer request			
Socket materials				
Cable materials				
Output signal	Resistance Ω, Current 4–20 mA, Voltage 0–10 V			

Environmental influences				
Temperature range	-20°C to 120°C			
	(dependent on the float and the material)			
Pressure range	Must not be used as a safety-relevant limiting			
	device within the pressure range.			
	P max. upon request; the pressure range is always			
	dependent on the float.			
Medium density	Min. 0.7 g/cm³			

	6		, and the second	device within the pressure range. P max. upon request; the pressure range is always dependent on the float.
Ī		Sealin	Medium density	Min. 0.7 g/cm³
			Annual and maticates	
	_		Approvals and certificates	
			Approvals	EX design, food design (electropolishing process)
		i	Protection class	Up to IP68
	uts		Comments	
0	Section of measurements		Assembly	Installation in assembly possible
	meas		Additional	Temperature switch or PT100 / PT1000
	tion of			Up to 2 switchpoints (uppermost/undermost)
	Sec		Note	The sensors are based on a modular design and can be assembled individually.

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