



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
Sensor length	100–2000 mm
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	Aluminium and polyamide
Cable materials	PVC, PUR, silicone, Teflon, FEP or as per a specific customer request
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/cm ³

Approvals and certificates

Approvals	EX design, food design (electropolishing process)
Protection class	Up to IP68

Comments

Assembly	Installation in assembly possible
Additional	Temperature switch or PT100 / PT1000 Up to 2 switchpoints (uppermost/undermost)
Note	The sensors are based on a modular design and can be assembled individually.