



Mechanical characteristics

Mechanical connections	G1/8", G1/4", G3/8", G1/2", G1", G1.5", G2", flange, adjusting screw connection (optional incl. counter nut)
Mechanical materials	PVC, PP, PVDF and stainless steel
Float materials	PVC, PP, PVDF, stainless steel and Buna
Float dimensions	Ø 16–52 mm
Pipe dimensions	Ø 8–16 mm
Sensor length	Custom length in mm from the sealing edge
Installation types	From the inside, from the outside or an inverted installation
Installation position	Max. 30°

Electrical characteristics

Number of switchpoints	1–6 switchpoints
Switching function	Normally closed (NC), normally open (NO) and
Max. switching capacity	10 W
Max. switching voltage	25 VAC, 50 VDC (optional 230 VAC)
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

Environmental influences

Temperature range	-20°C to 200°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
Note	The sensors are based on a modular design and can be assembled individually.