



RFnivo[®] 8000

Capacitance Level Switch

Capacitive level detection for all kinds of liquids.
Accurate results even in difficult applications.



RFnivo® 8000

- Digital electronics with integrated display and operating menu, programmable
- Potted electronics, "Active Shield Technology" against material build-up ensures high functional safety
- Robust design, PFA isolation for high chemical resistance

Applications: RFnivo® 8000 is suitable for liquids, pastes, foam and slurry as well as for interface measurement.

RF 8100 Standard Rod

Full, demand, empty detector

Version with rod extension, Sliding sleeve option, Vertical, horizontal and oblique installation



RF 8100 Standard Rope

Full, demand, empty detector

Version with rope extension, Up to 25m, Vertical installation



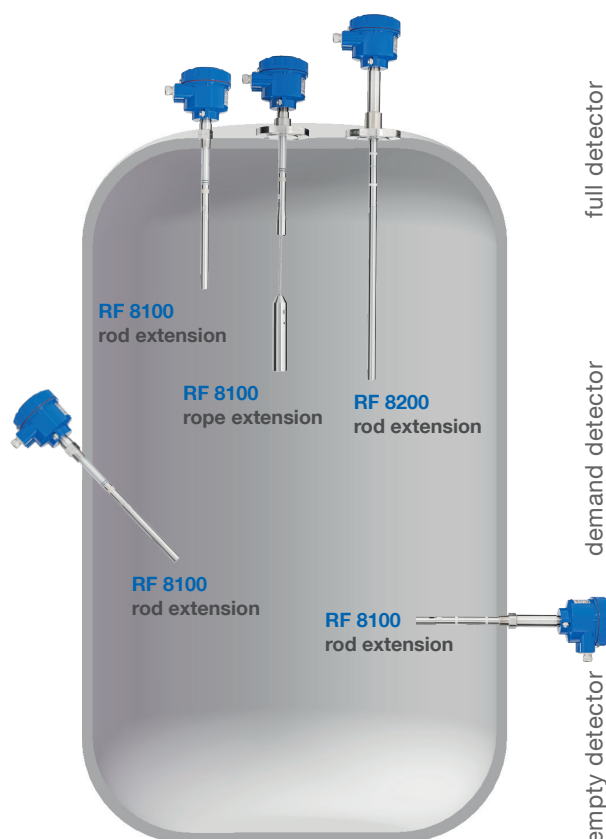
RF 8200 Temp. Rod

Full, demand, empty detector

Version with rod extension, Sliding sleeve option, Vertical, horizontal and oblique installation



Inverse Frequency Shift Technology



Technical Data

Housing	Aluminium powder coated, IP68/NEMA 4	
Certificates	ATEX, FM/CSA, TR-CU, INMETRO, WHG, Lloyd's	
Shaft length	Rod version	max. 1m
	Rope version	max. 25m
Process temp. range	-40°C to +400°C (-40°F to +752°F)	
Pressure range	-1 to +35 bar (-14,5 to +507,6 psi)	
Sensitivity	DK value ≥1.5	
Supply voltage	12..250V AC/DC	
	12..30V DC Profibus PA	
Process connection	≥ NPT ¾", ≥ R ¾", ≥ G ¾", range of flanges	
Process con. material	1.4404 (316L)	
Probe material	1.4404 (316L), isolation PEEK, insulation PFA, wetted seals FKM or FFKM temperature version with ceramic isolation	
Signal output	Relay switch SPDT/solid state switch, Profibus PA/solid state switch	
Signal delay	Integrated adjustable time delay of the signal output	