

UWT

LEVEL. UP TO THE MAX.



6 YEARS
GUARANTEE
APPROVED
QUALITY

RFnivo® 8000

CAPACITANCE LEVEL SWITCH

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

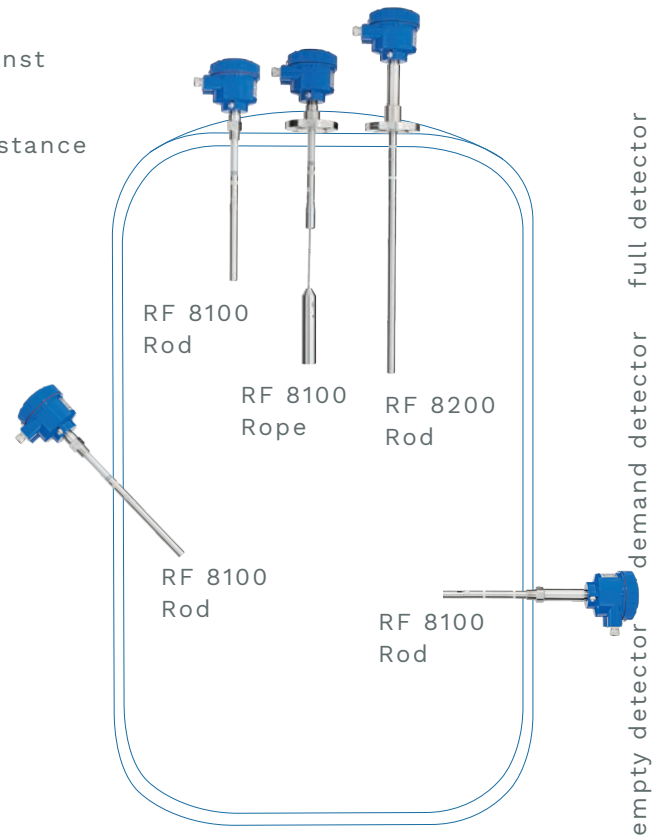
RF 8100 Standard Rod
Full, demand, empty detector
Version with rod extension, sliding sleeve option, vertical, horizontal and oblique installation



RF 8100 Standard Rope
Full, demand, empty detector
Version with rope extension, up to 25 m, vertical installation



RF 8200 Temperature Rod
Full, demand, empty detector
Version with rod extension, sliding sleeve option, vertical, horizontal and oblique installation



TECHNICAL DATA

Housing	Aluminium powder coated, IP68/NEMA 4
Certificates	ATEX, FM / CSA, TR-CU, INMETRO, UKEX (Dust explosion-proof, Flameproof, Intrinsically safe) WHG, Lloyd's
Shaft length	Rod version max. 1 m Rope version max. 25 m
Process temp. range	-40 °C .. +400 °C (-40 °F .. +752 °F)
Pressure range	-1 .. +35 bar (-14.5 .. +507.6 psi)
Sensitivity	DK value ≥ 1.5
Supply voltage	12..250 V AC/DC 12..30 V DC Profibus PA (24 V for IS version)
Process connection	\geq NPT $\frac{3}{4}$ ", \geq R $\frac{3}{4}$ ", \geq G $\frac{3}{4}$ ", range of flanges
Material process connection / probe	1.4404 (316L), isolation PEEK, material 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