

LEVEL. UP TO THE MAX.



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

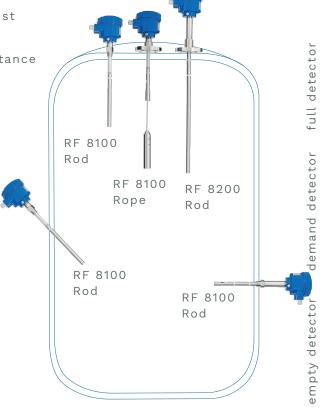




TE Hou Cert

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
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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 -40 °C .. +400 °C temp. range (-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 \geq NPT $\frac{3}{4}$ ", \geq R $\frac{3}{4}$ ", \geq G $\frac{3}{4}$ ",

connection range of flanges

Material 1.4404 (316L), isolation PEEK, process material insulation PFA, connection / wetted seals FKM or FFKM

probe temperature version with ceramic isolation

Signal Relay switch SPDT / solid state switch,

output Profibus PA / solid state switch

Signal Integrated adjustable time delay

delay of the signal output