



Simply working

Rotonivo[®] 6000



Rotating paddle level limit switch

The reliable, multifunctional and maintenance-free unit for dependable level monitoring of bulk goods – versatile, modular structure, especially for use in Hazardous Locations (gas and dust)

Rotonivo® 6000



- suitable for nearly all bulk goods
- insensitive to dust, electrical charges, adhesion, temperature and pressure
- simple and reliable measuring principle, easy, fast installation

Use: The Rotonivo® 6000 can be used as a full, demand or empty detector in bulk good silos depending on needs. It is suitable for applications in a wide variety of dry bulk goods. Certified for Hazardous Locations (gas and dust).



Aluminium housing, standard design



Aluminium housing, flameproof design with increased safety



Aluminium housing, flameproof design

RN 6001

Full, demand, empty detector
standard design, vertical, horizontal and oblique installation



RN 6002

Full detector
design with 1 inch protection tube or extension rope, vertical installation



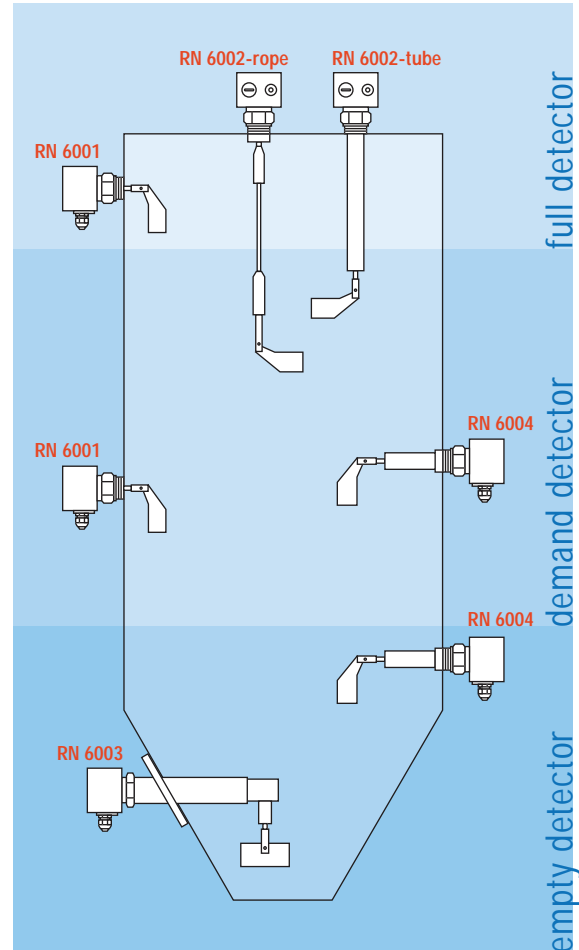
RN 6004

Full, demand, empty detector
design with 1 inch protection tube, vertical, horizontal and oblique installation



RN 6003

Full, demand, empty detector
design with protection tube and angular gear, horizontal installation



Technical Data

Housing	Aluminium IP 66, NEMA 4X, Type 4X
Certificates	for Hazardous Locations (gas and dust): ATEX II 1/2D and II 2G FM Cl. I, II, III Div. 1 Gr. B-G; Zone 1 CSA Cl. I, II, III Div. 1 Gr. B-G; Zone1
Process temperature	-25°C up to +350°C (opt. +600°C) -13°F up to +662°F (opt. +1112°F)
Pressure	max. 10bar (145psi)
Sensitivity	from 20g/l – adjustable in 3 steps
Mains voltage	230V, 115V, 48V, 24V AC, 24V DC, Multivoltage 230/115V AC/24V DC
Process connection	G1, G1 ¹ / ₄ , G1 ¹ / ₂ inches M30x1,5, M32x1,5 NPT1, NPT1 ¹ / ₄ , NPT1 ¹ / ₂ inches
Bearing	ball bearing with shaft sealing