

Simply working

# Rotonivo<sup>®</sup> 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



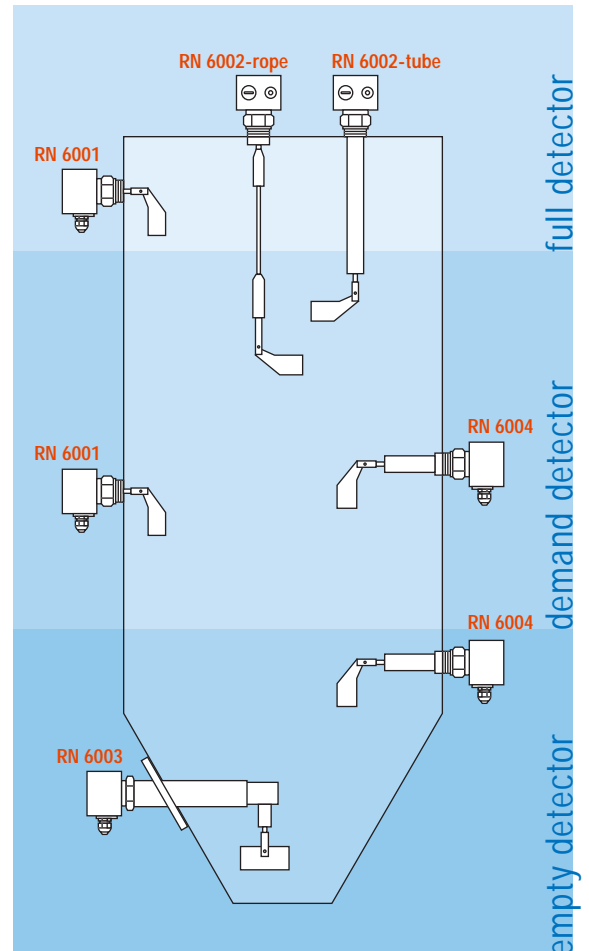
## RN 6004

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

<b>Housing</b>	Aluminium IP 66, NEMA 4X, Type 4X
<b>Certificates</b>	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; Zone 1
<b>Process temperature</b>	-25°C up to +350°C (opt. +600°C) -13°F up to +662°F (opt. +1112°F)
<b>Pressure</b>	max. 10bar (145psi)
<b>Sensitivity</b>	from 20g/l – adjustable in 3 steps
<b>Mains voltage</b>	230V, 115V, 48V, 24V AC, 24V DC, Multivoltage 230/115V AC/24V DC
<b>Process connection</b>	G1, G1 <sup>1</sup> / <sub>4</sub> , G1 <sup>1</sup> / <sub>2</sub> inches M30x1,5, M32x1,5 NPT1, NPT1 <sup>1</sup> / <sub>4</sub> , NPT1 <sup>1</sup> / <sub>2</sub> inches
<b>Bearing</b>	ball bearing with shaft sealing

