



Rotonivo[®] 3000 / 6000

Rotating level limit switch

The trusted, multifunctional and maintenance free unit for reliable level monitoring of bulk goods – versatile, modular structure; for application in hazardous locations (gas and dust)



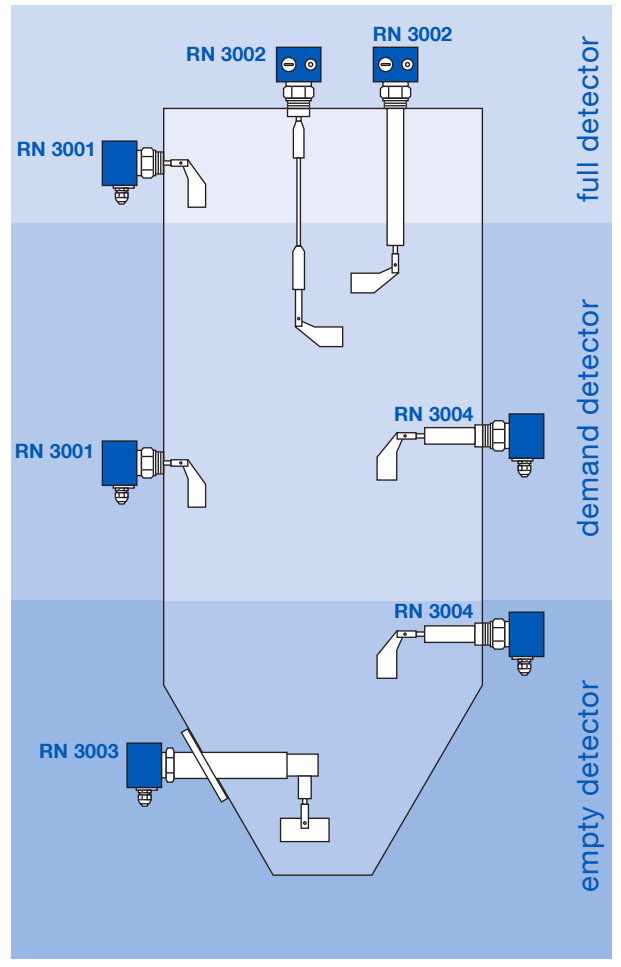
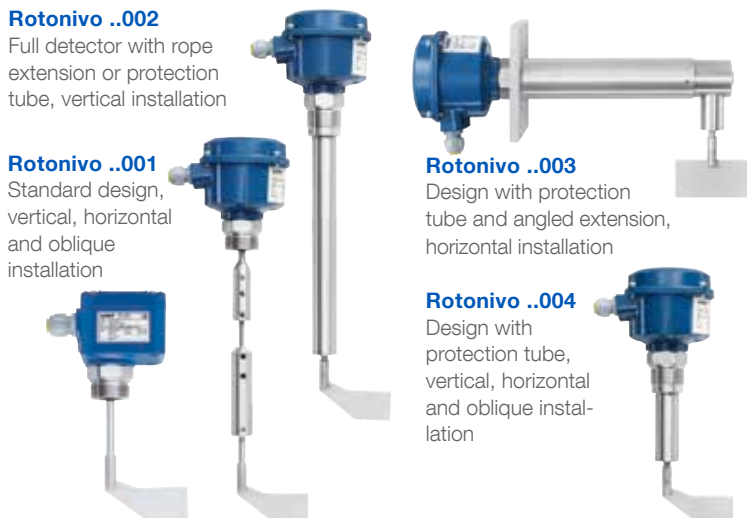
Rotonivo® 3000 / 6000



- Suitable for virtually all bulk goods
- Insensitive to dust, electrical charge, adhesion, temperature and pressure
- Simple and reliable measuring principle, easy and fast installation

Application: Rotonivo® paddle switches can be used as full, demand or empty detectors in bulk good silos. They are suitable for applications in a wide variety of materials. Rotonivo switches are available with international certificates for applications in hazardous locations (gas and dust).

Types of Rotonivo flanges:



Technical Data

Housing	Aluminium IP 66 / NEMA Type 4
Pressure range	-0.8 up to +10bar (-10.4 up to +145psi)
Supply voltage	Universal Voltage Electronic AC: 24V / 48V / 115V / 230V, DC: 24V
Signal output	Microswitch SPDT contact Microswitch DPDT contact
Certificates	ATEX II 1/2D and II 2G, INMETRO FM Cl. I, II, III, Div.1 Gr. A-G; Zone 1 CSA Cl. I, II, III Div.1 Gr. B-G; Zone 1 GOST-Ex, RTN Ex, IEC Ex, EHEDG
Process temperature range	-40°C up to +1100°C (3001 / 3002) (-40°F up to +2012°F) (3001 / 3002)
Bearing	Encapsulated ball bearing with shaft sealing
Process connection	G 1, 1½ and 1¼ inch, NPT 1½ und 1¼ inch; M30x1,5 and M32x1,5; Flange DN100 PN16; other flanges available
Material	Aluminium or stainless steel 1.4305 (SS303)
Process connection	or 1.4404 (316L)
Material measuring (SS316) vane and shaft	Stainless steel 1.4301 (SS304) or 1.4305 or 1.4404 (303L)

Housing types



Various measuring vanes and special solutions

