



Simply working



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)

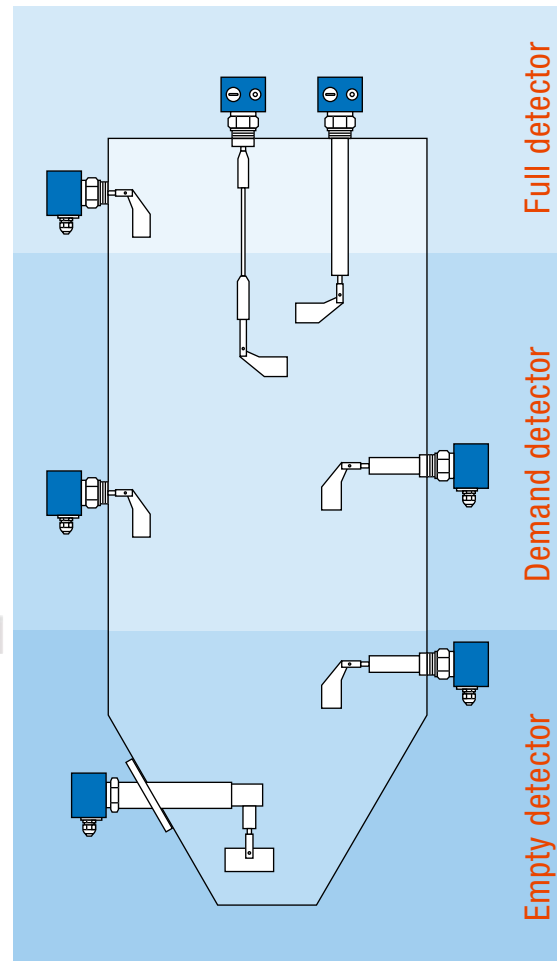
Rotonivo® 3000/6000



- 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).

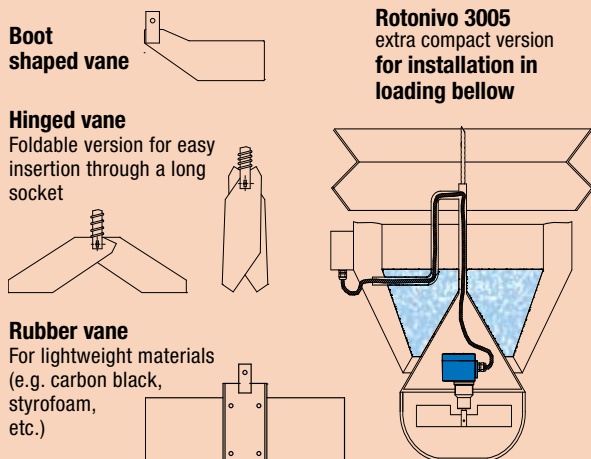
Types of Rotonivo demand, full and empty detectors:



Housing types



Various measuring vanes and special solutions



Technical data

Housing	Aluminium IP66 (Type 4)
Pressure range	-0.8 up to +10bar (-10.4 up to +145psi)
Supply voltage	AC: 24V or 48V or 115V or 230V DC: 24V Multivoltage: 24V DC / 115V AC / 230V AC
Signal output	Microswitch SPDT contact Microswitch DPDT contact
Certificates	ATEX II 1/2D and II 2G FM Cl. I, II, III, Div.1 Gr. A-G; Zone 1 CSA Cl. I, II, III Div.1 Gr. B-G; Zone 1
Process Temperature range	-40°C up to +600°C (-40°F up to +1112°F)
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 Process connection	Aluminium or stainless steel 1.4035 (SS303) or 1.4404 (316L)
Material measuring vane and shaft	Stainless steel 1.4301 (SS304) or 1.4305 (SS316) or 1.4404 (316L)