



Simply working



WORLD PREMIERE
Universal-Voltage-Electronic

Rotonivo[®] 4000



Rotating paddle level limit switch

The reliable solution with a plastic housing – versatile, robust construction, also for applications in hazardous locations

Rotonivo[®] 4000



- plastic version
- suitable for nearly all bulk goods
- simple and reliable measuring principle, easy, fast installation

Application: The Rotonivo[®] 4000 can be used as a full, demand or empty detector in bulk good silos depending on needs. It is mainly suited for lower mechanical loads in a variety of materials, e.g. cement, detergent, feed, chalk, grains, plastic granulate and much more.

RN 4001 standard

Full-, demand-, empty detector
standard design, vertical, horizontal
and oblique installation
Extension up to 1000 mm



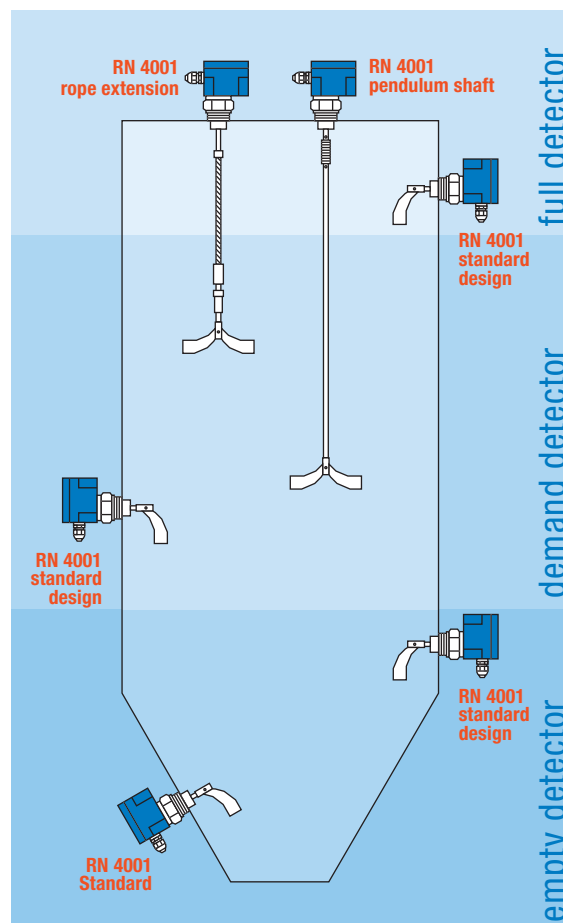
RN 4001 rope

Full detector
design with rope extension,
vertical installation



RN 4001 pend. shaft

Full detector
design with option pendulum shaft,
vertical installation



Technical Data

Housing	Plastic PA, IP 66
Certificates	ATEX II 1/2D, IECEx, Gost Ex, RTN Ex
Process temperature	-40°C up to +80°C (-4°F up to +176°F)
Pressure	max. +0.8 bar (11.6 psi)
Sensitivity	from 100g/l (6lb/ft ³) – adjustable in 3 steps
Mains voltage	universal voltage 110-120V or 220-240V AC, 50-60Hz, 24V or 48V AC, 50-60Hz, 24V DC
Process connection	G1, G1¼ and G1½ inches, M30x1.5, M32x1.5 incl. sealing face
Bearing	Process connection aluminium: ball bearing, dust tight Process connection plastics: slide bearing (maintenance-free, high-quality)
Material	process connection PA, Aluminium shaft SS 304 paddles PA, SS 316