



Rotonivo[®] 4000

Rotating level limit switch

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



UA.TR.047



INMETRO OCP 0017

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



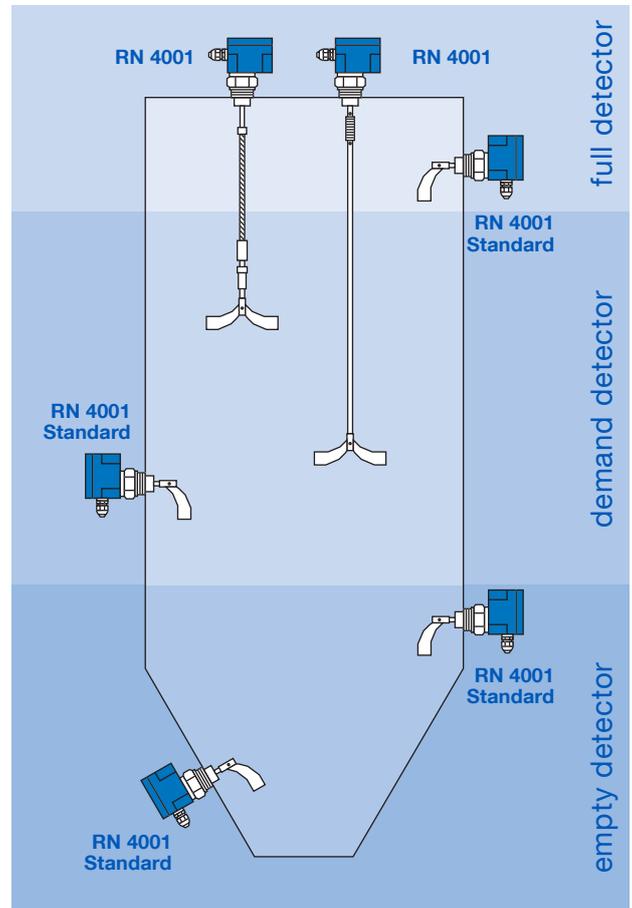
RN 4001 Pend. Shaft

Full detector
Design with option pendulum shaft, vertical installation



RN 4001 Rope

Full detector
Design with rope extension, vertical installation



Technical Data

Housing	Plastic PA 6 GF, IP 66
Certificates	ATEX II 1/2D, IECEx, Gost Ex, RTN Ex
Process temperature	-40°C up to +80°C (-40°F up to +176°F)
Pressure	Max. +0.8 bar (11.6 psi)
Sensitivity	From 100g/l (6lb/ft³) – Adjustable in 3 steps
Mains voltage	Universal-Voltage-Electronic 110-120V / 220-240V AC, 50-60Hz, 24V / 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 Plastic PA 6 GF, connection: Aluminium Shaft: Stainless steel 1.4305 (303) Paddles Stainless steel 1.4301 (304) Plastic PP