



Mononivo[®] 4000

Vibration level limit switch

The vibrating rod for reliable level detection for all bulk materials. Versatile and maintenance-free. Certified for hazardous locations.



Mononivo® 4000



- Compact limit switch with threads from 1" available
- Adjustable sensitivity suitable for light bulk solids from 20g/l
- Easy installation and commissioning

Application: The Mononivo® 4000 can be used in silos and tanks as a full, demand or empty detector. The unit is also appropriate as an overflow detector within pipes and shafts. The MN 4000 handles even powdery material with strong caking properties as well as coarse-grained granulate.

MN 4020

Full, demand, empty detector

Installation vertical, horizontal and oblique, also within limited spaces (e.g. downpipes)

MN 4030

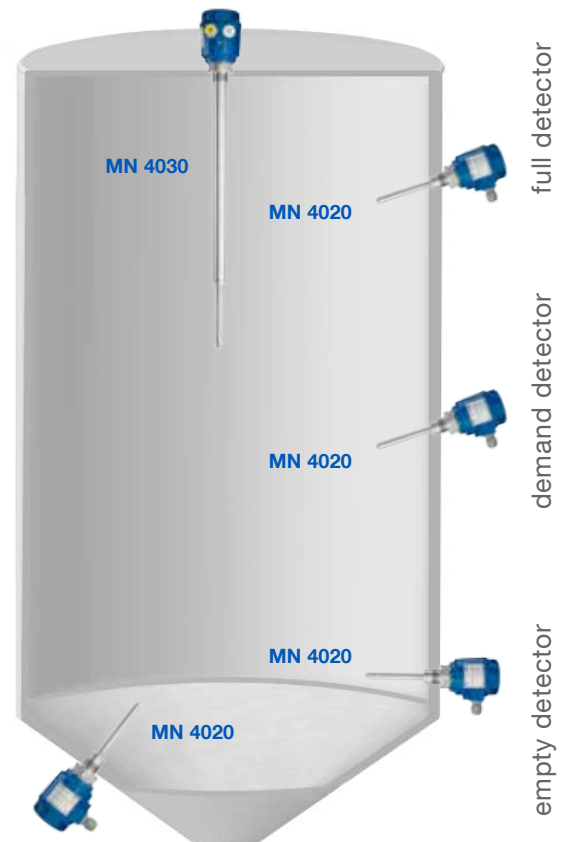
Full, demand, empty detector

Design with extension tube, vertical installation, sliding sleeve option

MN 4040

Full, demand, empty detector

Delivery available without pipe extension (for reduced shipping costs/flexible length), vertical and oblique installation



Technical Data

Housing	Aluminium IP 67 / NEMA Type 4X
Certificates	ATEX II 1/2D Ex ta/tb IIIC T! Da/Db IP6X TR-CU Ex ta/tb IIIC T! Da/Db X IEC-Ex ta/tb IIIC T! Da/Db IP6X FM DIP Cl. II, III Div.1 Group E, F, G
Process temperature	-40°C up to +150°C (-40°F up to +302°F)
Pressure	-1 up to +16 bar (-14.5 up to +232 psi)
Sensitivity	Adjustable in 4 settings: from 20g/l (1.25lb/ft³)
Supply voltage	19-230V AC, 19-40V DC relay, 18-50V DC PNP 3-wire
Process connection	G 1"; G 1½"; NPT 1"; NPT 1¼"; NPT 1½" Triclamp 2"; various flanges available
Material Extension	Stainless steel 1.4301 (SS304) / 1.4541 (SS321) or 1.4404 (SS316L)