



Fill level measurement

Vibration level limit switch for liquids;
Miniaturized small vibration fork
Screw-in thread G½" und G¾"



Type: Vibrocont
HM-SCM 300

Description

Vibrocont HM-SCM-300 is a point level switch for liquids. The Vibrocont HM-SCM-300 is designed for industrial applications in all industries, mainly the machinery industry. The Vibrocont HM-SCM-300 is used for overfill prevention or pump dry-run protection in cleaning and filter systems as well as in cooling and lubrication vessels.



Application

- External test option using test magnet
- On-site control using external LED display

Your benefits

- Compact: Smallest vibronic sensor
- Safe: Continuous self-monitoring and reliable switching independent of media properties
- Easy: no calibration or adjustment; plug & play
- Service-friendly plug-in connections
- For medium temperatures up to 150 °C



Special

up to
40
bar
pressure

WHG
licence

corrosion
resistant

compact
design



Order code. page | 04 |



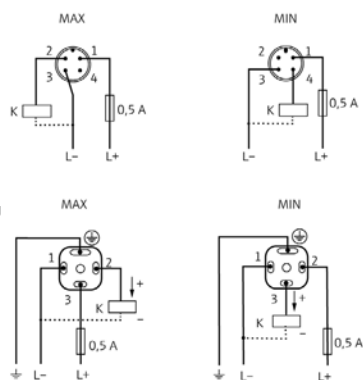
Technical data

Technical data	
Measuring Principle:	Vibration Liquids
Characteristic / Application:	Level switch for liquids and is used in tanks, vessels and pipes.
Supply / Communication:	20 ... 253V AC/DC, 2-wire; 10 ... 35V DC-PNP 3-wire
Ambient temperature:	40 °C ... 70 °C (-40 °F ... 158 °F)
Process temperature: -	40 °C ... 150 °C (-40 °F ... 302 °F)
Process pressure absolute / max. over-pressure limit:	Vacuum ... 40 bar (Vacuum ... 580 psi)
Min. density of medium:	>0,7g/cm ³ (>0,5g/cm ³ optional)
Main wetted parts:	316L
Process connection Threads:	G1/2, G3/4, G1, MNPT1/2, MNPT3/4, MNPT1, R1/2, R3/4, R1
Output:	AC/DC, DC-PNP
Certificates / Approvals:	WHG; EN10204-3.1 material; Final Inspection Report
Options:	Adjustment switching delay; Cleaned from oil+grease, PWIS free

Connection

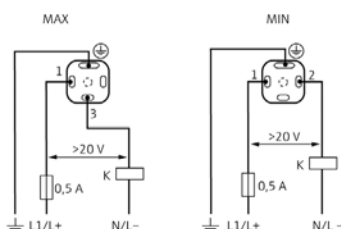
Electronic: 3-wire-DC-PNP

Valve plug

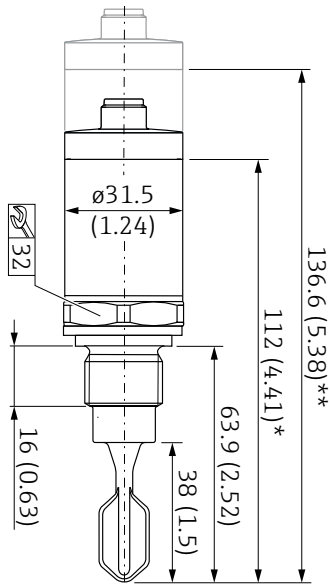


Electronic: 2-wire-AC/DC

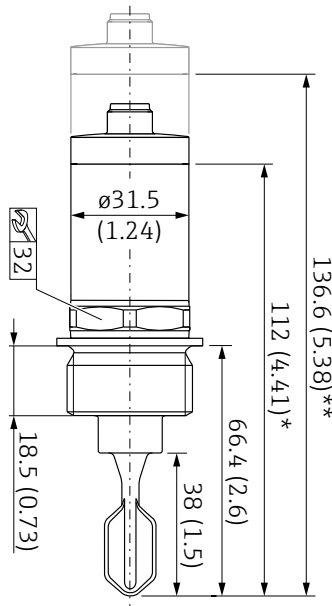
Valve plug



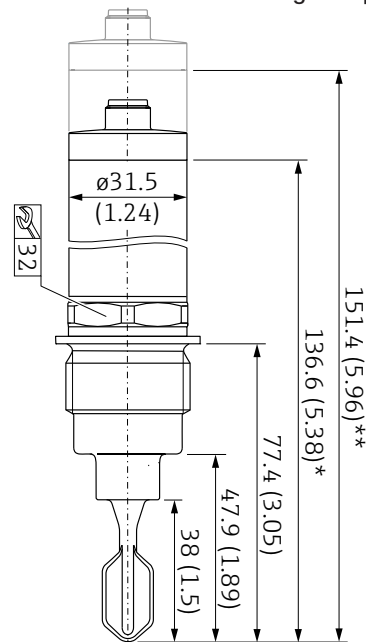
Compact version
Thread ISO 228 G1/2", G3/4"



Compact version
Thread ISO 228 G1"

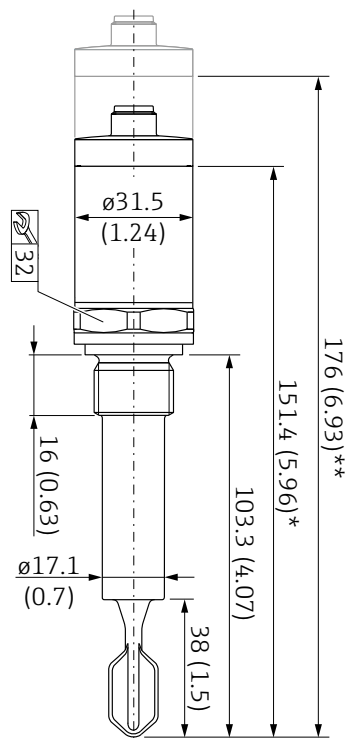


Compact version thread ISO
228 G1" for flush wall
installation in welding adapter

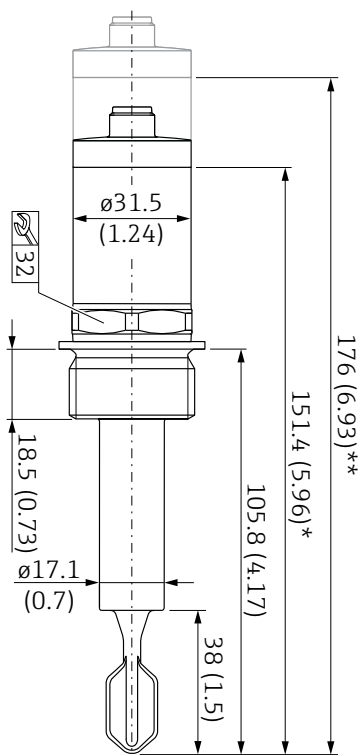


* Dimensions for process temperature max. 100 ° C
** Dimensions for process temperature max. 150 ° C

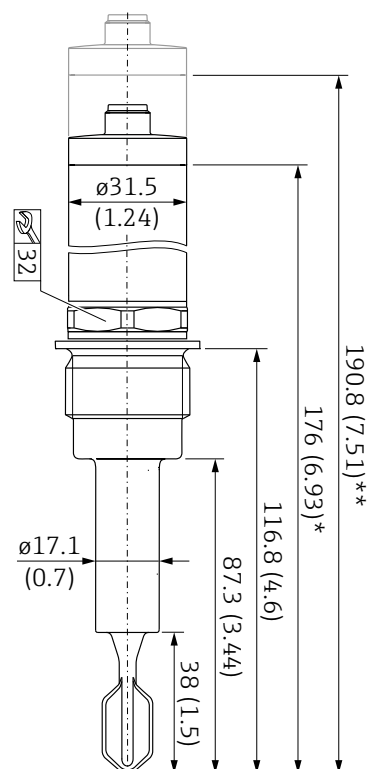
Short tube version
Thread ISO 228 G1/2", G3/4"



Short tube version
Thread ISO 228 G1"



Short tube version thread ISO
228 G1" for flush wall installati-
on in welding adapter



Order code



- 300 Standard admission 100°C
- 302 Overfill safety WHG + leakage detection 100°C process temperature
- 350 Standard admission 150°C
- 352 Overfill safety WHG + leakage detection 150°C process temperature

- Construction form**
K Compact version
R Probe extension: tube (= Switching point as VCL 200/202)
Y Special version
- Process connection**
2 Screw-in piece G½"
1 Screw-in piece G¾"
6 G1" B; DIN EN ISO228-1, flush mounting in welding socket BEFV-10
(= Process connection as VCL 200/202)
7 Screw-in piece G1"
Y Special version
- Electronics**
WA Electronic: 20...253V AC/DC
GA Electronic: 10...30V DC
Y Special version
- Electrical connection**
02 Model: valve plug
01 Model: plug M12 (not for AC-Version)
Y Special version
- S Standard

Order code

Vibrocont HM-SCMS

Equipment

Ordering designation	Type
BEF-SCM34	welding socket G¾"
LKW 0405 PUR	connection cable 5 m
LKW P405 PUR	connection cable LED 5 m
BKZ0412 VA	cable socket



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