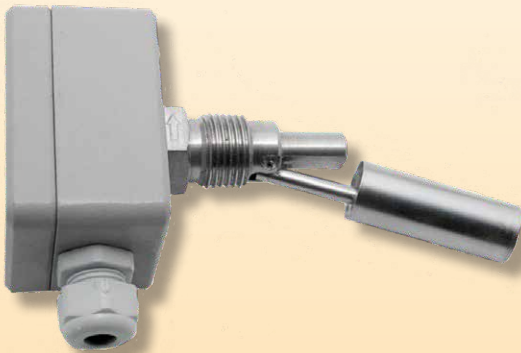


Side - Mounted Level Switch

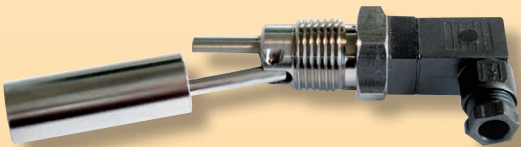


measuring
•
monitoring
•
analyzing

RFS



ATEX 



- For Horizontal Mounting
- N/O or N/C Contact Function
- Electrical Connection:
DIN Plug, M12 Plug or Aluminum Housing;
Aluminum Housing (ATEX)
- Construction:
304 Stainless Steel or 316L Stainless Steel



Order from: **C A Briggs Company**

622 Mary Street; Suite 101; Warminster, PA 18974

Phone: 267-673-8117 - Fax: 267-673-8118

Sales@cabriggs.com - www.cabriggs.com

KOBOLD Instruments, Inc.
1801 Parkway View Drive
Pittsburgh, PA 15205



Description

The KOBOLD RFS is designed for horizontal installation and economical monitoring of fill levels. A pivoting stainless steel float with an integral magnet moves with the liquid level and switches a reed contact. The media cannot contain any solids or metallic particles. The contact can work as normally open or normally closed, depending on the mounting position.

Specifications

Media Temperature: -14...248 °F (-10...120 °C)

Ambient Temperature -4...176 °F (-20...80 °C)

Installation Position: Horizontal

Media Density: > 0.8 g/cm³

Operating Pressure: Max. 145 PSIG (10 bar)

Materials

Housing/Plug: Plastic Plug (DIN 43650),
M12 Plug or Aluminum Housing;
Aluminum Housing (ATEX)

Float: 316L Stainless Steel

Stem: 304 Stainless Steel or
316L Stainless Steel

Process Connection: 1/2" NPT or G1/2

Contacts: N/O or N/C, Depending
on Mounting Position

Switching Voltage: Max. 300 VAC/350 VDC;
Max. 150 VAC/200 VDC
(Model with Pt100);
Ui: 40 V (ATEX)

Switching Power: 50 W

Switching Current: Max. 0.5 A (AC)
Max. 0.7 A (DC)

Protection: IP65

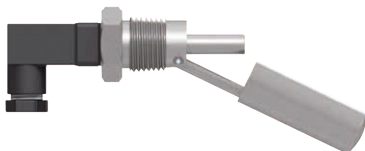
ATEX Marking: II 1 GD Exia IIC T6 Ga
 Ex ia IIIC T85 °C Da
-20 °C ≤ Ta ≤ 60 °C

Order Details (Example: RFS-12 N4 0 0 01 EX)

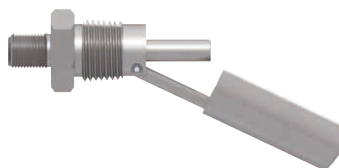
Model	Process Connection	Material	Temperature Sensor	Housing	ATEX
RFS-12..	..N4.. = 1/2" NPT ..G4 ¹⁾ .. = G 1/2	..0.. = 304 SS ..1 ¹⁾ .. = 316L SS	..0.. = Without	..00.. = DIN Plug	..00 = No ATEX
				..01.. = Aluminum	..00 = No ATEX ..EX = ATEX Exia
			..0.. = Without ..1.. = Pt100	..12.. = M12 Plug	..00 = No ATEX

¹⁾ Minimum order quantity: 25 pieces

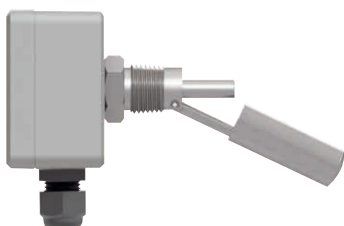
RFS-12...0000



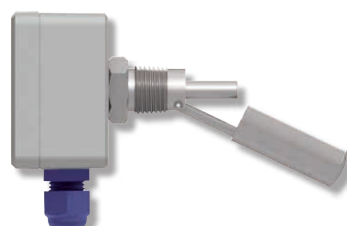
RFS-12...1200



RFS-12...0100

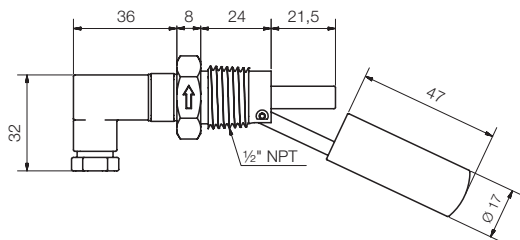


RFS-12...01EX

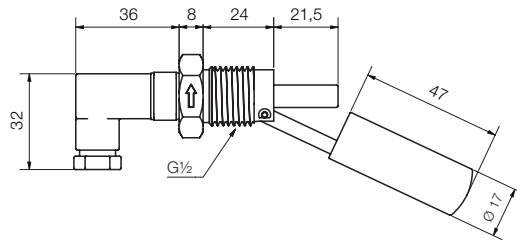


Dimensions (mm)

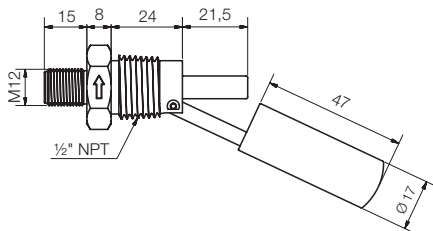
RFS-12N4_00000



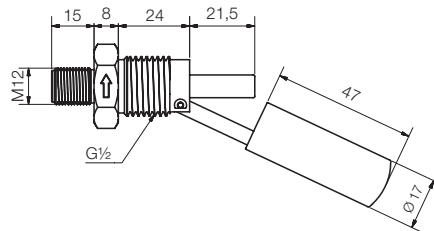
RFS-12G4_00000



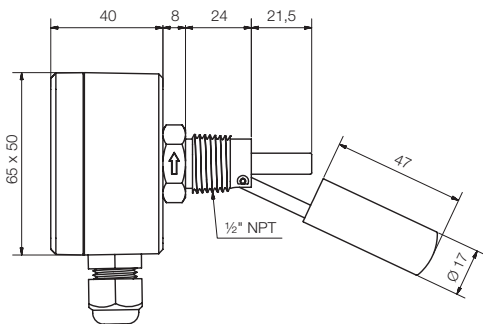
RFS-12N4_1200



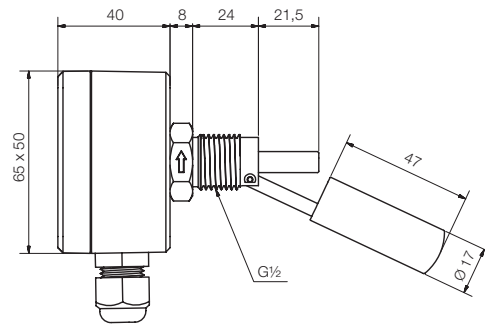
RFS-12G4_1200



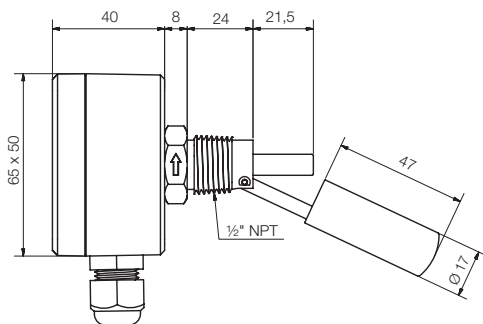
RFS-12N4_00100



RFS-12G4_00100



RFS-12N4_001EX



RFS-12G4_001EX

