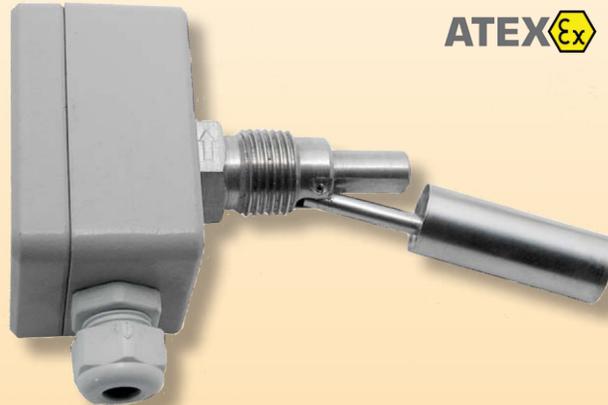


Side - Mounted Level Switch



measuring
•
monitoring
•
analyzing

RFS



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



KOBOLD companies worldwide:

ARGENTINA, AUSTRALIA, AUSTRIA, BELGIUM, BULGARIA, CANADA, CHILE, CHINA, COLOMBIA, CZECH REPUBLIC, EGYPT, FRANCE, GERMANY, HUNGARY, INDIA, INDONESIA, ITALY, MALAYSIA, MEXICO, NETHERLANDS, PERU, POLAND, REPUBLIC OF KOREA, ROMANIA, SINGAPORE, SPAIN, SWITZERLAND, TAIWAN, THAILAND, TUNISIA, TURKEY, UNITED KINGDOM, USA, VIETNAM

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✉ info@koboldusa.com
www.koboldusa.com

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: -40...248 °F (-40...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 or Aluminum Housing, Aluminum Housing (ATEX)

Float: 316L Stainless Steel

Stem: 304 Stainless Steel or 316 Stainless Steel

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

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

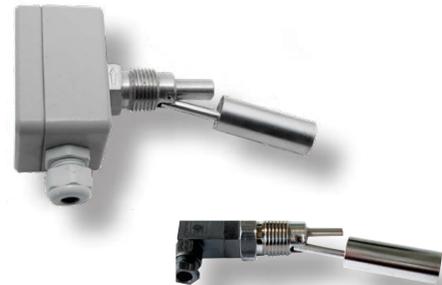
Switching Voltage: Max. 300 VAC/350 VDC
Ui: 40 V (ATEX)

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 IIC T85 °C Da
-20 °C ≤ Ta ≤ 60 °C



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

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

¹⁾ On request

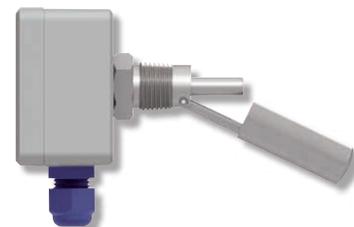
RFS-12...0000



RFS-12...0100

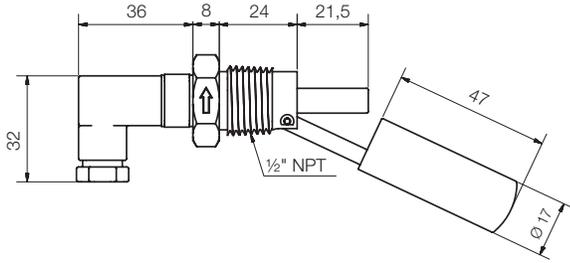


RFS-12...01EX

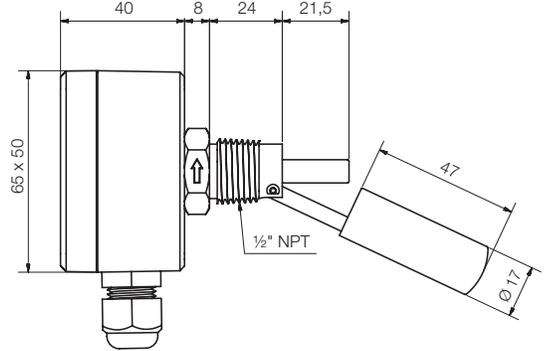


Dimensions (mm)

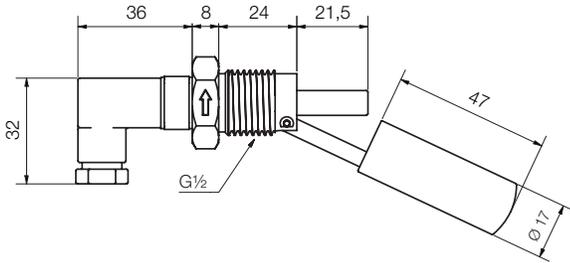
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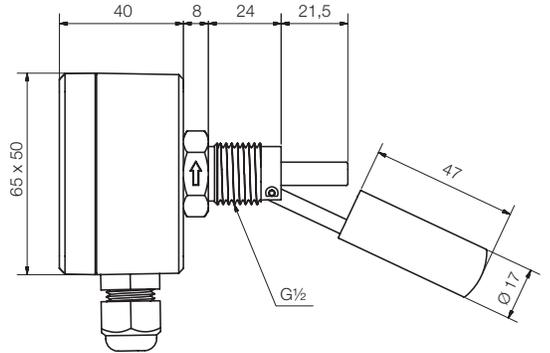
RFS-12N4_00100



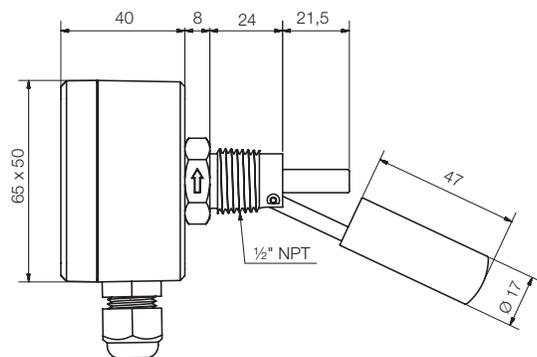
RFS-12G4_00000



RFS-12G4_00100



RFS-12N4_001EX



RFS-12G4_001EX

