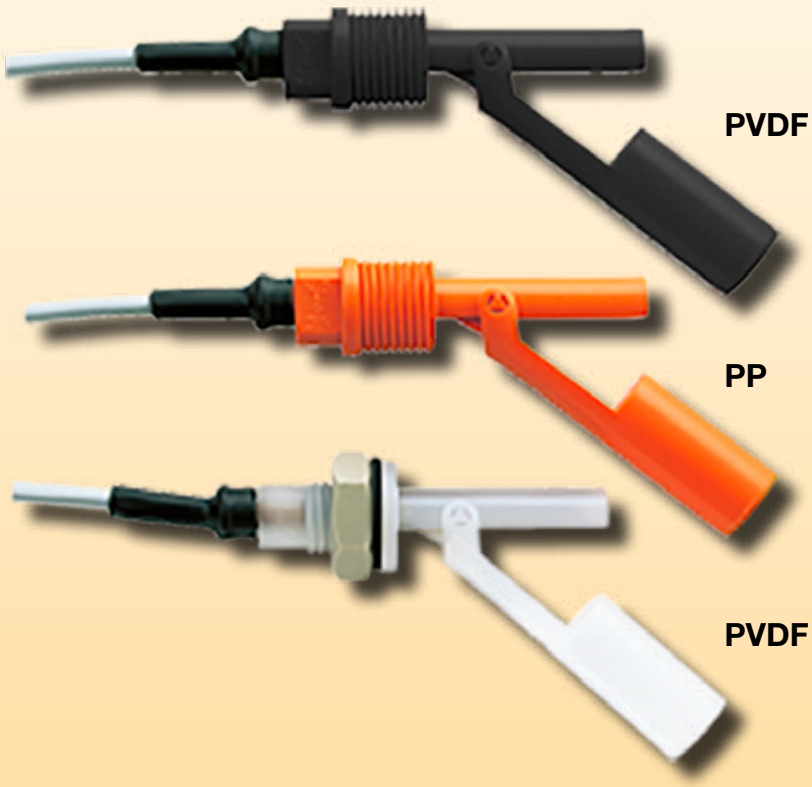
Level Switch

measuring
•
monitoring
•
analyzing

NKP



- Economical Pricing
- Excellent Chemical Resistance
- Compact
- Easy to Install
- Hermetically Sealed Reed Switch
- IP68
- Ideal for Tanks with Inaccessible Tops or Bottoms

KOBOLD companies worldwide:

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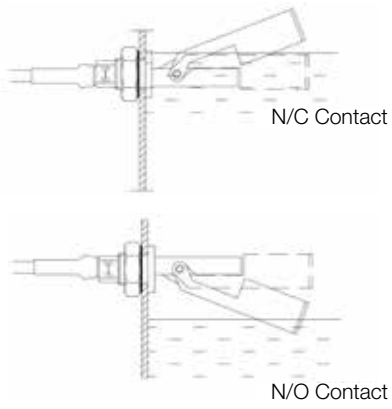
Description

The KOBOLD NKP is an economical level switch available in polypropylene or PVDF wetted materials allowing for wide compatibility with many aggressive liquids. It is distinguished by its repeatable response, compact size, and high capacity reed switch and is designed for installation into the sidewalls of tanks. The plastic float, containing a magnet, moves as the liquid level rises above or falls below the switchpoint. When the magnet moves close to the reed contact, the switch closes, completing the circuit. The switch function may be changed from normally open to normally closed by merely rotating it 180°. A simple and functional design makes the NKP virtually maintenance free.

Specifications

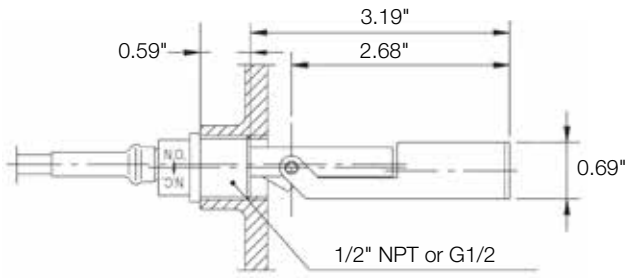
Materials	
Housing and Float:	Polypropylene or PVDF
Seal (Bulkhead Only)	
PP:	NBR
PVDF:	FKM
Counternut (Bulkhead Only):	Polypropylene
Connection Fitting:	1/2" NPT, G 1/2 or M16 Bulkhead
Orientation:	Horizontal ± 30°
Max. Temperature	
Polypropylene:	176 °F
PVDF:	212 °F
Max. Pressure:	145 PSIG
Min. Liquid Density	
Polypropylene:	0.6 S.G
PVDF:	0.95 S.G.
Reed Switch	
Max. Voltage:	230 V_{AC}/V_{DC}
Max. Current:	2 A
Max. Power:	40 VA
Cable:	PVC-clad, AWG 20/2
Protection:	IP68

Switch Function

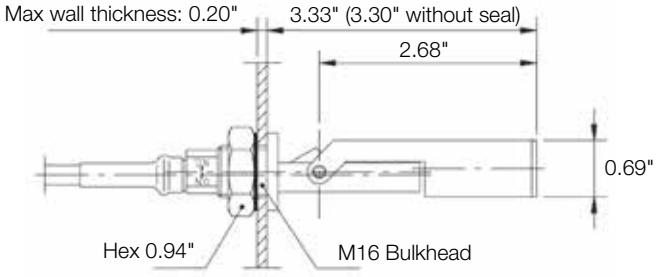


Dimensions

NPT Fitting



Bulkhead Fitting



Order Details (Example: **NKP-25011**)

Model	Connection	Housing Material	Cable Length
NKP-	**1..** = G 1/2 **2..** = 1/2" NPT **6..** = M16 Bulkhead	**..401..** = Polypropylene (orange) **..501..** = PVDF (natural or black)	**..1..** = 1 m **..1.6..** = 1.6 m **..3..** = 3 m **..6..** = 6 m **..10..** = 10 m **..Y[1]..** = Special Length

[1] Please specify length in clear text (Only for cable lengths > 10 m)

No responsibility taken for errors;
subject to change without prior notice.