Polypropylene Float Level Switch

for Start/Stop Pump Control

measuring • monitoring • analyzing

NAB

- Polypropylene Float
- 10 or 30 ft. Neoprene Cable
- Max. Pressure: 50 PSIG (3.5 bar)
- Max. Temperature: 185 °F (85 °C)
- Media Density: 0.7...1.15 S.G.
- SPDT Mechanical Switch Changeover Contact
- Connectable as N/C or N/O

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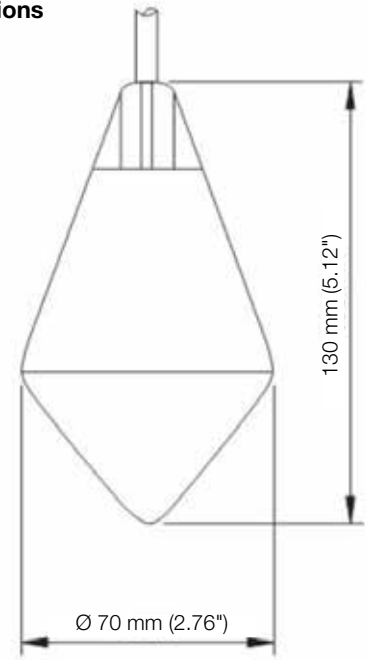
Description

The KOBOLD NAB Series float level switch for liquids provides mercury-free level switching for tank applications requiring high current capability. With such capacities, pumps may be directly controlled in many applications. This float-type, tilt level switch for stop/start pump control features an industrial-quality polypropylene float with an SPDT mechanical switch, connectable as normally closed (N/C) or normally open (N/O), with IP68 protection. It comes with a Neoprene®-jacketed, three-conductor cable in standard lengths of 10' or 30', with custom cable lengths available on request.

Specifications

Float Material:	Polypropylene
Cable:	10' or 30', Neoprene® (3-conductor) (Neoprene® is not recommended for certain highly corrosive or solvent-based applications)
Max. Presssure:	50 PSIG (3.5 bar)
Max. Temperature:	185 °F (85 °C)
Media Density:	0.7...1.15 SG (kg/dm^3)
Contact:	SPDT Mechanical Switch Changeover, Connectable as N/O or N/C, Mercury Free
Switch Capacity:	Max. 250 V_{AC} 50/60 Hz, 20 A Resistive Load, 8 A Inductive Load
Weight:	Approx. 1 lb (0.45 kg) with 10' Cable Approx. 2.7 lbs (1.22 kg) with 30' Cable
Switching Angle:	Approx. +55° to Activate, -55° to Deactivate (Angles vary per installation, comparison use only)
Protection Class:	IP 68
Optional:	Ballast Weight, Loaded Resin, 175 g or 250 g; Cable Clamp

Dimensions

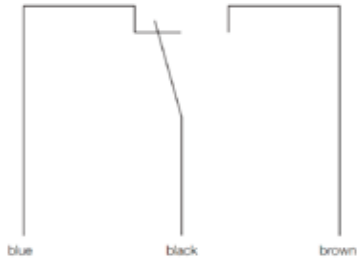


Order Details

Model	Description[1)]
NAB-W03	Conical Float, 10 ft. Neoprene Cable
NAB-W10	Conical Float, 30 ft. Neoprene Cable

[1)] Longer cable lengths are availble upon requst, consult factory

Electrical Connection



Accessories

Model	Description	
NAB-Beshwer[2)]	Ballast Weight, Loaded Resin, 175 g	
NAS-NAB-BG250	Ballast Weight, Loaded Resin, 250 g	
NKF	Cable Clamp	

[2)] Limited quantities available

NKF

Do not use a cable tie that could damage the cable or the device. The NKF (cable clamp) is an accessory that allows you to properly attach the cable to the desired height without harming it.

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