

Level Switch - Plastic

UNS-PA or PP

Formerly Series BLS-7

Features

- ▶ Convenient side mount
- ▶ Compact size for easy installation
- ▶ Ideal for small tanks and vessels
- ▶ Durable yet economical
- ▶ Broad media compatibility
- ▶ Hermetically sealed reed switches

Applications

- ▶ Sump tanks
- ▶ Hydraulic power units
- ▶ Storage tanks
- ▶ Solvent recovery systems
- ▶ Lube oil console systems
- ▶ Food & beverage applications



Level switch made of nylon or polypropylene for side mounting

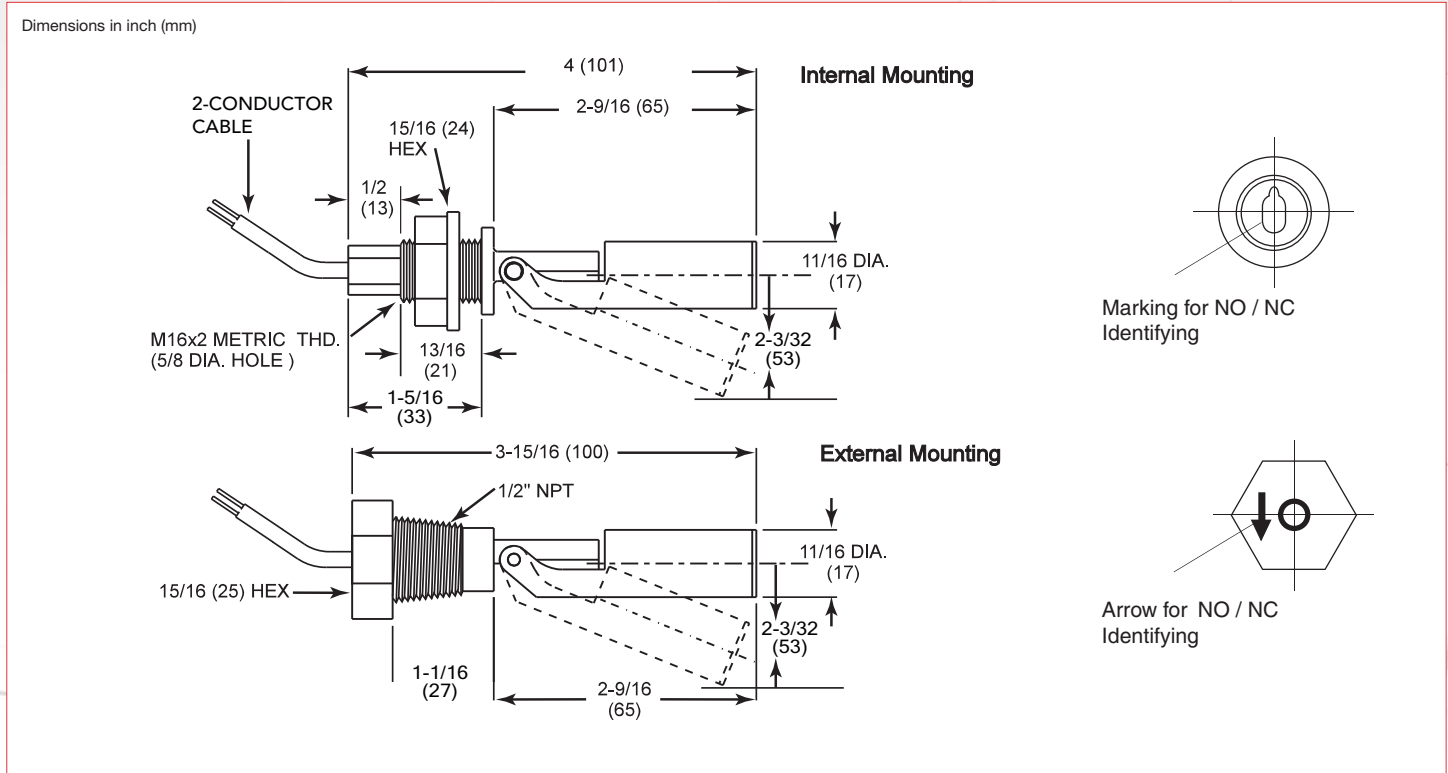
General Specifications

Switch Rating:	230 VAC / 3.0 A / 60 VA/W
Switch Configuration*:	Normally open or normally closed; switch can be changed by inverting the assembly 180°
Wetted Parts:	Nylon (Blue - PA) or Polypropylene (Red - PP)
Electrical Connection:	1 meter, PVC cable length; 2-conductor, Max 2 x 0.34mm ² (22 awg)
Mounting Element:	
External Type:	1/2" NPT thread
Internal Type:	Threaded with jam nut for 5/8" diameter hole (M16x2 metric THD) with silicon gasket
Min. Fluid Specific Gravity:	0.7 g/cm ³ - Nylon 0.65 g/cm ³ - Polypropylene
Protection Class:	IP54

Approvals:	
UL/CSA:	PENDING
Max. Operating Temperature:	
Nylon Versions:	-4 to +248°F (-20 to +120°C)
Polypropylene Versions:	-4 to +194°F (-20 to +90°C)
Operating Pressure:	70 psig @ 70°F (5 bar at 21°C)
Mounting Position:	Horizontal
Max. Starting Torque:	23.6 in/lbs (external mount)
Weight:	Approx. 40 grams (1.4 oz.)

* The contact modes (NO or NC) are defined on the basis of an empty tank and orientation of the level switch mounted.

Technical Drawing



Order Number Key / Options

MATERIAL	MOUNTING OPTION	Type	Order No.
Nylon (Blue)	1/2" NPT External	UNS-PA1/2" NPT-PA18	0111-203
	Internal (for 5/8" diameter hole)	UNS-PA16 NPT-PA18	0111-199
Polypropylene (Orange / Red)	1/2" NPT External	UNS-PP1/2" NPT-PP18	0111-327
	Internal (for 5/8" diameter hole)	UNS-PP16 NPT-PP18	0111-210

* NOTE: for longer cables please add -suffix -Wxx
 xx=inches