

## 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

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

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