



LS-16

Miniature Plastic Float Switch for Vertical Mounting



Features

/ Compact design

/ Only one moving part

/ Mounting from top or bottom

/ PP version

Description:

The LS-16 series of level switches operates according to the principle of a float with magnetic transmission. The float is lifted inside the vessel due to the rising fluid level; subsequently, it actuates a reed contact as a result of the magnetic field of the permanent magnet situated in the float. Depending on the mounting position, the reed contact acts normally opened or normally closed.

Application:

The LS-16 float switches are suited for monitoring the level of nearly all types of fluid media that are non-hostile to the material used as an alarm for full or empty levels, for controlling valves and pumps or for alert signals.



Version:

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Mechanical low-cost float switch made of PP, with contact-free triggering of a reed contact and a screw thread type G 1/8"

Technical Specifications:

Connecting cable /	0.3 m PVC stranded wire (AWG22)
Screw thread type /	G 1/8"-male with counter nut
Materials /	float, stem, counter nut and thread are made of PP, stainless steel 1.4301 stopper; tube made of vinyl (non wetted);
Function of contact /	NO-contact or NC-contact depending on installation of the float
max. Pressure /	2 bar
max. Temperature /	-10°C. . .+80°C
min. Media density /	0.8 kg/l
CE marking /	none, max. switching load is limited to 50 V AC/DC within area of application of low-voltage-directive
Switching load within CE area /	50 V AC/DC, 0.5 A, 25 VA
Switching load outside CE area /	300 V AC/DC, 0.5 A, 50 VA
Initial contact resistance /	150 mΩ (max.)
Insulation resistance /	10 MΩ (min.)

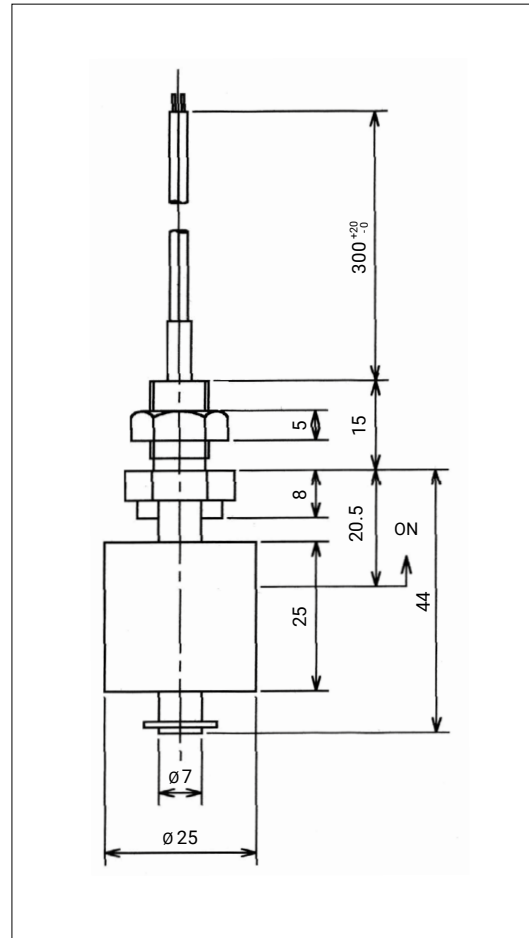
Ordering Codes:

Order number

LS-16

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Dimensions in mm:



Handling:

- / It must be ensured that the values given for voltage, current, and power are not exceeded.
- / When switched on, a load must be connected in series.
- / The electrical details apply to ohmic loads. Capacitive, inductive and lamp loads must be operated using a protective circuit.
- / Not suitable for use in media with ferritic particles.