



LS-15P

Miniature Float Switch for Side Mounting, Plug Version



Features

- / Compact design
- / Only one mechanically moving part
- / Sideways mounting into vessel wall
- / Fully stainless steel version
- / Electrical connection with DIN plug

Description:

The LS-15P 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-15P float switches are suited for monitoring the level of nearly all types of fluid media as an alarm for full or empty levels, for controlling valves and pumps or for alert signals. By deploying potential-free reed contacts, the float switches provide an ideal switching element in combination with PLC controls.



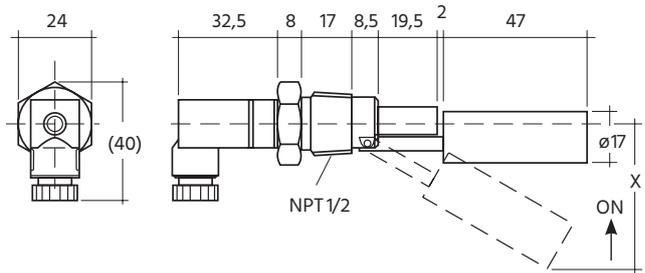
Technical Specifications:

Connecting cable /	plug EN175301-803 shape A
Screw thread type /	1/2" NPT male
Material /	float and float bracket are made of stainless steel
Function of contacts /	NO-contact or NC-contact, depending on mounting variant
max. Pressure /	5 bar
max. Temperature /	Standard -40...+120°C
min. Media density /	0,8 kg/l
CE marking /	ROHS
Switching load within EU area /	50 V AC/DC, 0,5 A, 25 VA
Switching load outside EU area /	300 V AC/DC, 0,5 A, 50 VA
Initial contact resistance /	150 mΩ (max.)
Insulation resistance /	10 MΩ (min.)

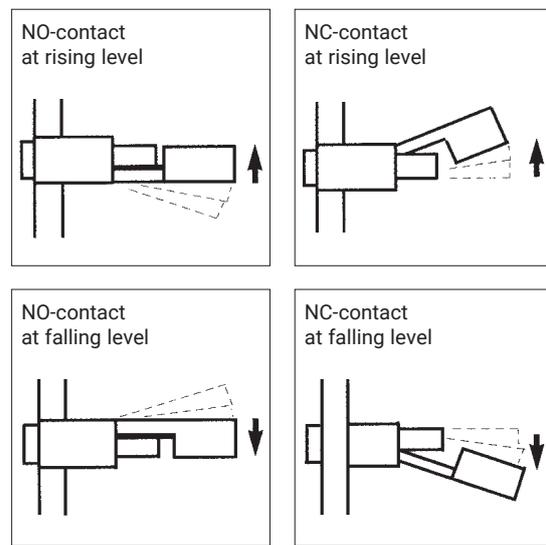
Handling:

- / 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.

Dimensions in mm:



Installation variants:



Ordering Codes:

Order number	LS-15P.	1
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Connection /	1 = 1/2" NPT male	