

DESCRIPTION

LFS Series PNOTOL level switches are designed to detect minimum or maximum liquid levels in tanks containing hydraulic oil, mineral oil and similar fluids.

Operating on the principle of a magnetic float and reed contact, the product provides an electrical output when the liquid level reaches the set point. It can be used for alarm, warning or system control applications.

Thanks to its compact design, easy installation and high reliability, it is suitable for hydraulic power units, oil tanks, industrial machinery and mobile hydraulic applications.



PRODUCT FEATURES

Electrical

Switching Principal	Reed Contact
Contact Structure	NO / NC / SPDT (depends on Model)
Max. current (Max. VAC)	0,5 A
Maks. switching current	48 VAC/DC
Maks. Switching power	10 W
Switching Life	1.000.000 cycle
Protection Class	IP65
Cable Class	2 or 3 wire

Mechanical

Working Principal	Magnetic Float
Assembly	Vertical
Max. Working Pressure	10 bar
Working temperature	-20°C ... +80°C
Minimum Viscosity	0,75 g/cm ³
Hystheris	Yaklaşık 5 mm
Float Move	Free

Material

Body Tube	Brass, Stainless Steel AISI 304
Şamandıra	NBR Foam or Stainless Steel
Gasket	CNAF gasket
Connection Head	6013 Aluminum
Optional Gasket	Viton / EPDM

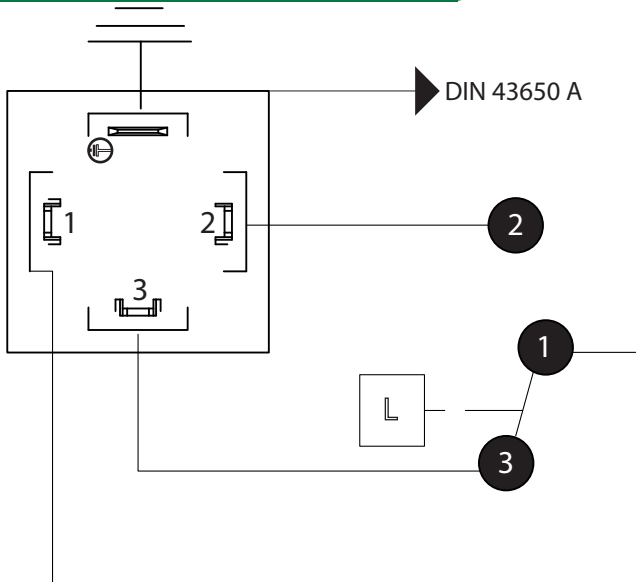
ORDER CODE

LFS	- ... -	- ... -	- ... -
MODEL	Tube Material	Contact	Length
LFS Model Level Switch	S Stainless Steel AISI 304	NO Base Level Signal Single Contact Normally Open (NO)	100 100 mm
			150 150 mm
		DO Base and Top level Signal Double Contact Normally Open(NO) & Normally Open (NO)	200 200 mm
			250 250 mm
			300 300 mm
		OC Base Signal Normally Open (NO) or Normally Close (NC)	400 400 mm
			500 500 mm
			600 600 mm
			700 700 mm

Please contact us directly for custom lengths or special signal point requirements.

"Bu alan boş bırakılırsa Piring malzeme olarak hazırlanır."

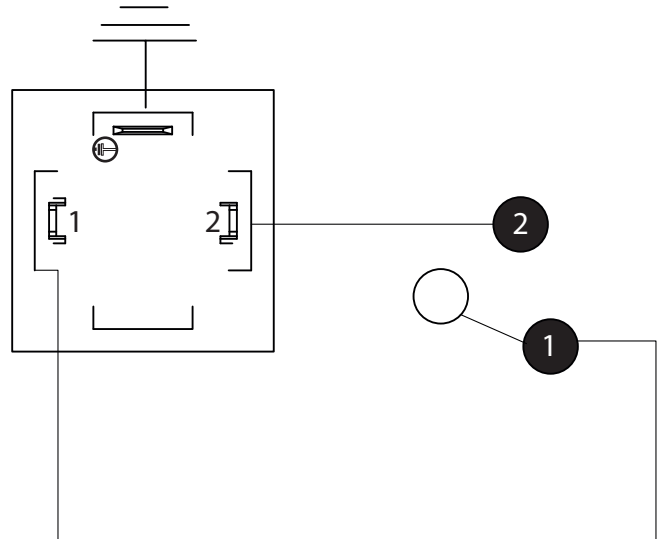
ELECTRICAL CON. DIAGRAM



• Terminal 1 - 2: When the liquid level reaches the lower level, electrical contact is established between Terminal 1 and Terminal 2. (NO – Normally Open)

Switching Function

- Terminal 1 - 3: When the liquid level reaches the upper level, electrical contact is established between Terminal 1 and Terminal 3. (NO – Normally Open)
- Terminal 1 - 2: When the liquid level is at the lower level or no level is detected, electrical contact is established between Terminal 1 and Terminal 2.





DIMENSIONS

