

Technical data

Electrical Oil Level Indicators

LEM is a range of electrical fluid level indicators for monitoring of the fluid level into the tank. They are directly fitted on the tank. The float moves through the rod while the fluid level changes. A magnet, fitted into the float, turns a reed sensor fixed into the rod. The setting point is adjustable on site, with few easy actions.

Available features:

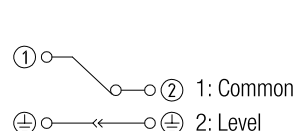
- Flanged connections
- Adjustable size to meet every size of tank
- Floating monitor for oil level check
- Integrated thermostat, to get a remote monitoring of the temperature

Common applications:

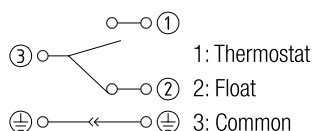
- Hydraulic systems
- Mobile machines
- Industrial equipment

Electrical symbol:

LEM without thermostat



LEM with thermostat



Note: to invert the contact status from NC to NO and vice versa, simply invert the float.

Materials

- Flange/Threaded body: Aluminium
- Tube: Brass
- Float: Polyamide foam
- O-Ring: NBR
- Circlip: Phosphor bronze
- Float contact: N.C. reed, N.O. (on request)
- Thermostat contact: N.O., N.C. (on request)

Electrical data

- Protection rating: IP65
- Max switching capacity: 80 W
- Max switching current: 1 A
- Max switching voltage: 250 Vac
- Fluid specific gravity: > 0.75

Temperature

From -15 °C to + 80 °C

Weight

LEM 0.406 kg

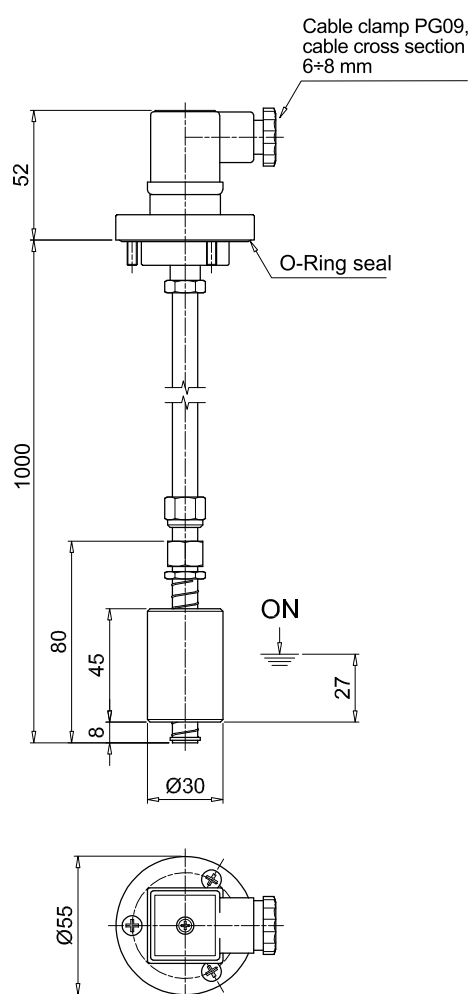


Designation & Ordering code

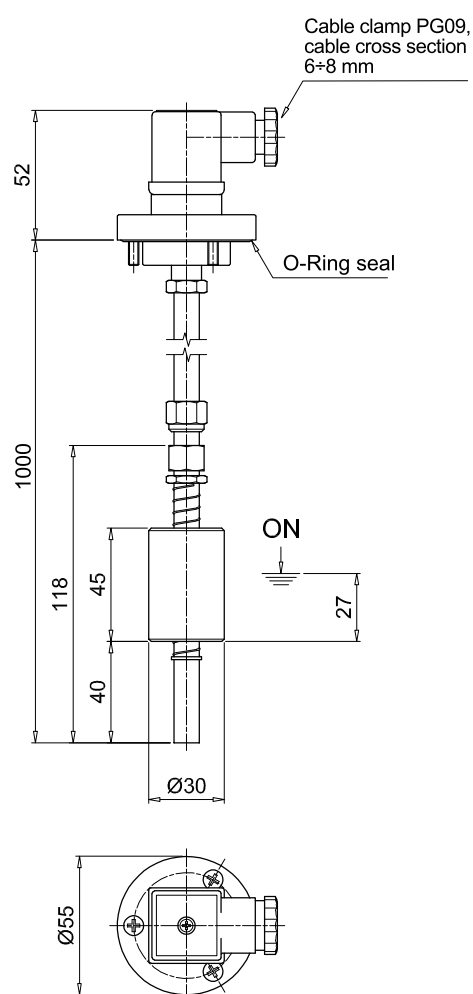
COMPLETE ELECTRICAL OIL LEVEL INDICATOR

Series	Configuration example :	LEM	A	1000	1	A	1	A	F	S	60	P01
LEM												
Tube material												
A Brass												
Length												
1000												
Number of floats												
1 Nr. 1 float												
Float material												
A Polyamide foam												
Electrical switch												
1 N.C. (Normally Closed)												
Seals												
A NBR												
Connections												
F Nr. 3 holes flange												
Electrical connection												
S EN 175301-803 connector												
Thermostat setting												
00 Without thermostat												
60 60°C N.O. (Normally Open)												
Execution												
P01 MP Filtri standard												
Pxx Customized												

Without thermostat



With thermostat



Holes on the tank

