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.

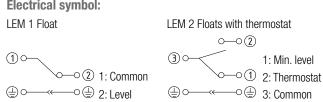
Available features:

- Flanged connections
- Adjustable size on request, to meet every size of tank
- 1 float, to monitor the minimum level or the maximum level
- Integrated thermostat, to get a remote monitoring of the temperature.

Common applications:

- Hydraulic systems
- Mobile machines
- Industrial equipment

Electrical symbol:



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: Nylon 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

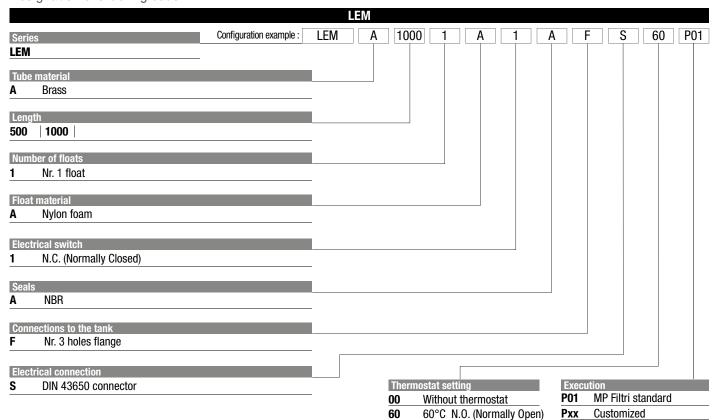
Temperature

From -15 °C to +80 °C

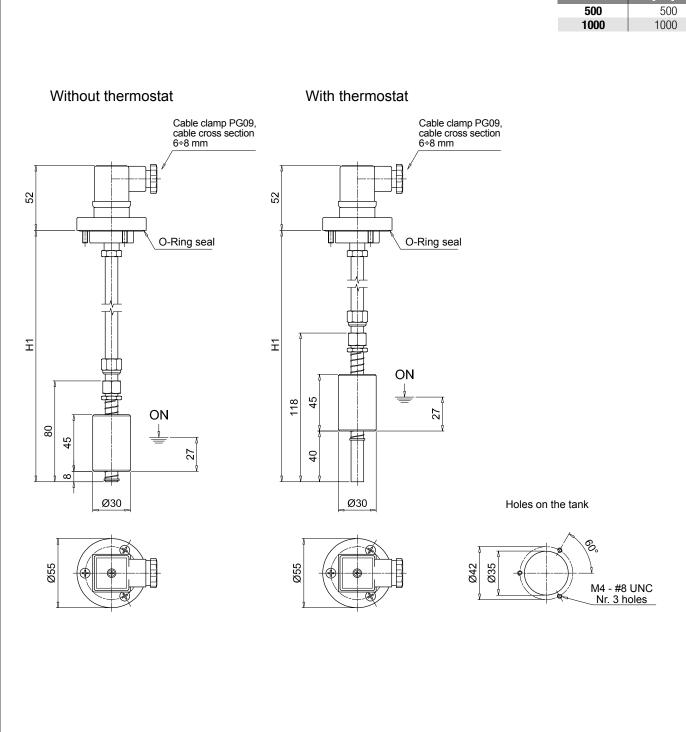
Weight LEM 0.406 kg



Designation & Ordering code



LEM	
Length	H1 [mm]
500	500
1000	1000



Optional

DIN 43650 CONNECTOR

Materials

- Flange: aluminum

- Rod: brass

- Float: nylon foam

- Seals: A= NBR - V= FPM

Temperature

From -15 °C to +80 °C

For temperatures outside this range, contact MP Filtri Technical and Sales Department