

LVK series

Electrical and visual oil level indicator



Technical data

Electrical and visual oil level indicators

LVK is a range of electrical and visual fluid level indicators for monitoring of the fluid level into the tank. They are directly fitted on the tank side. The float moves through the indicator housing while the fluid level changes. A magnet, fitted into the float, turns a reed sensor fixed into the housing.

Available features:

- Several male threaded connections
- Three different sizes, to meet every size of tank
- Thermometer, thermostat or PT100, to check the temperature of the fluid

Common applications:

- Hydraulic systems
- Mobile machines
- Industrial equipment

Electrical symbol:

see page. 118

Materials

- Head: Polyamide
- Screws: Nickel plated brass (standard), Aisi 314 (optional)
- Seal: NBR (standard), FPM (optional)
- Float: Polyamide
- Sensor thermometer: Screw + thermometer

Temperature

From -20 °C to + 80 °C

Weight

LVK 10	0.140 kg
LVK 20	0.170 kg
LVK 30	0.250 kg

Quantity

25 pcs/pack



Designation & Ordering code

LVK

Series

LVK

Configuration example :

LVK

20

A

M12

1

T

5

P01

Length

10

20

30

Seals

A

NBR

Connections

M10

Screws M10

M12

Screws M12

Electrical switch in absence of fluid

1

N.O. (normally open)

2

N.C. (normally closed)

3

SPDT (single-pole, double throw)

Version

M10

M12

S

Standard

T

With thermostat

P

With PT100 sensor

Thermostat setting

S

T

P

S

Standard (no setting)

1

50°C N.O. (normally open)

2

60°C N.O. (normally open)

3

70°C N.O. (normally open)

5

50°C N.O. (normally closed)

6

60°C N.O. (normally closed)

7

70°C N.O. (normally closed)

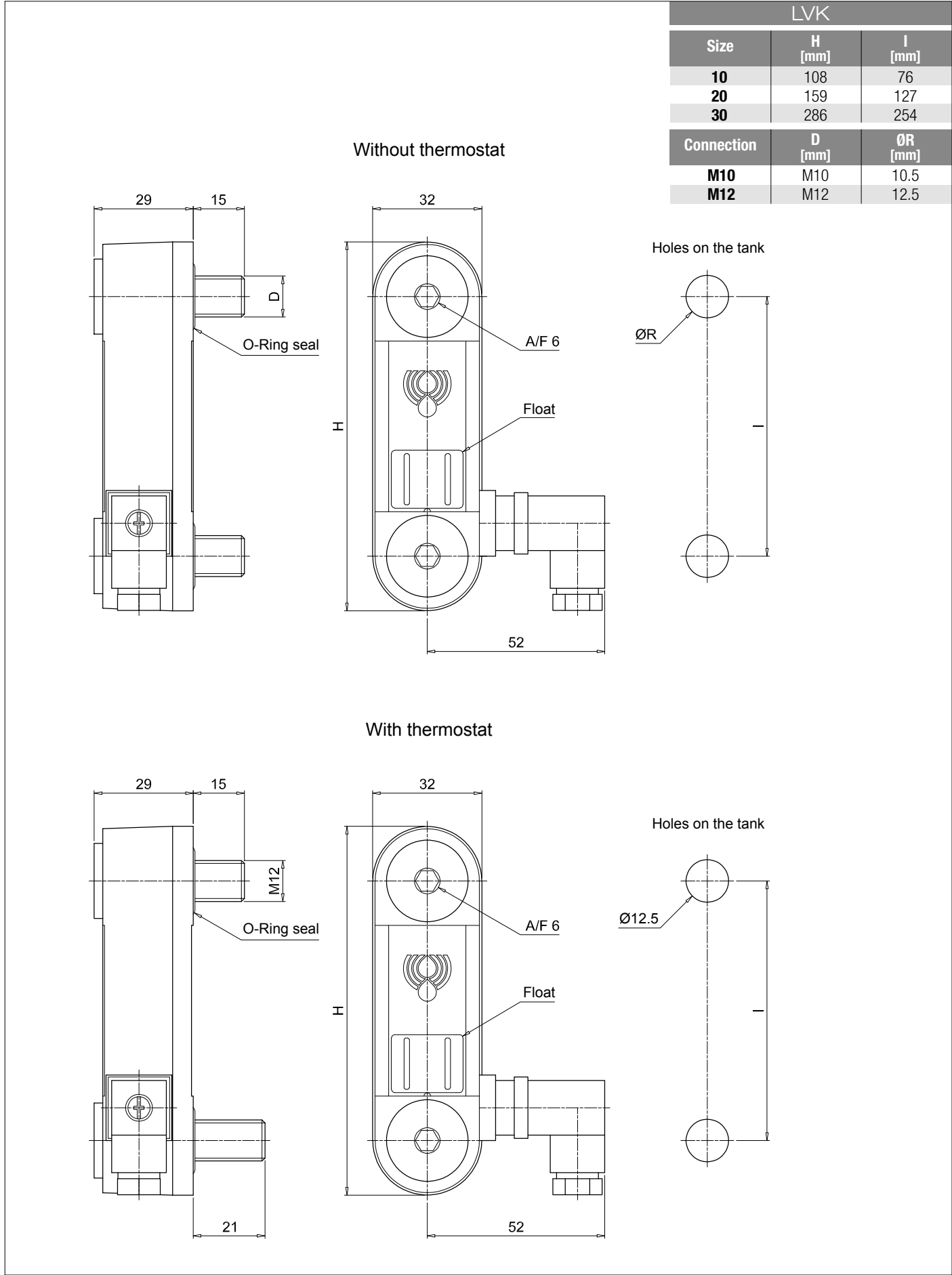
Execution

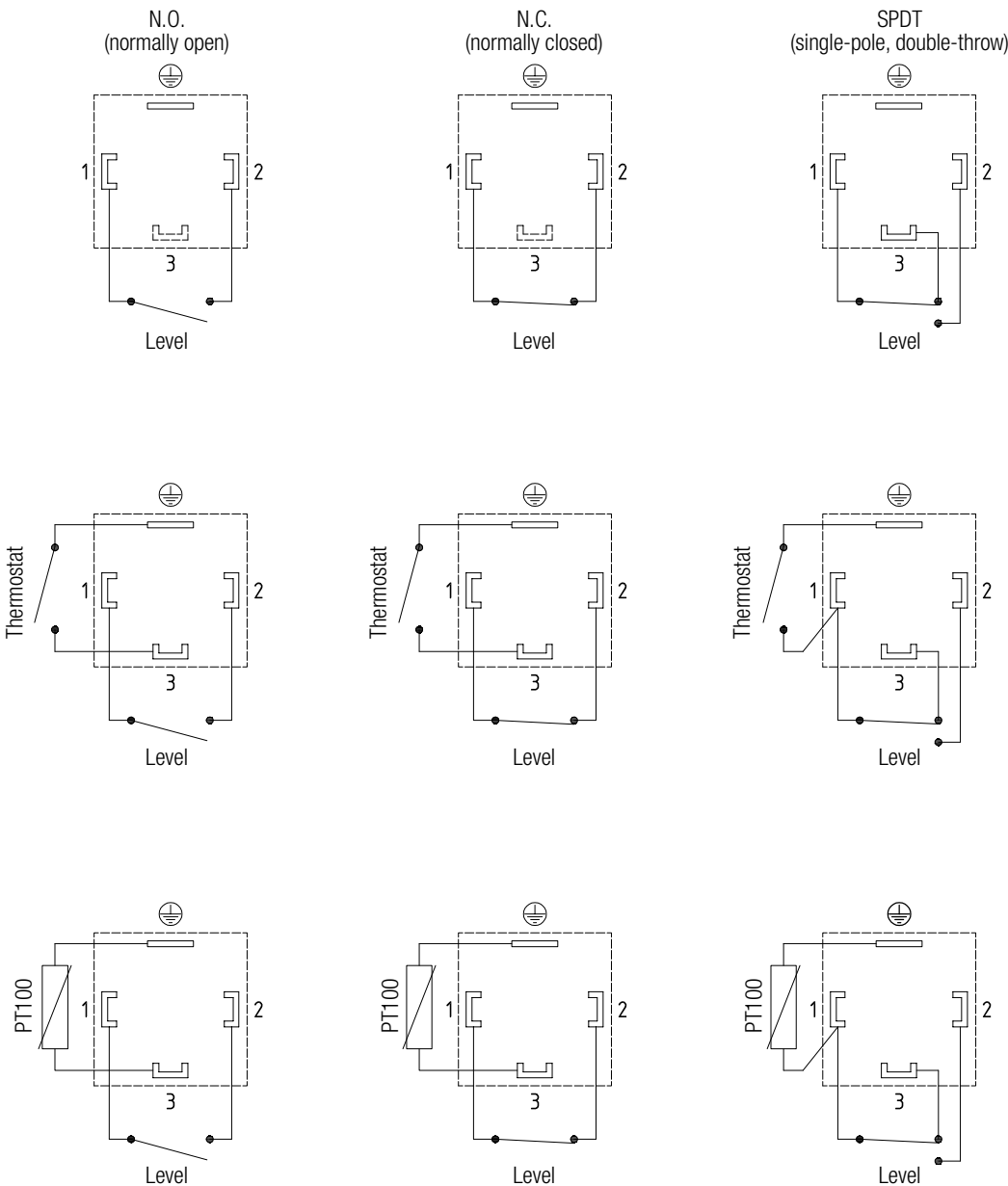
P01

MP Filtri standard

Pxx

Customized





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