

MAGNETOSTRICTIVE LEVEL TRANSMITTER

Level Measurement & Monitoring

MNR 6



DESCRIPTION

Pumps and solenoid valves ON/OFF automation, low and high alarm signal, automatic tank filling up or draining, in all industries. MNR6 series are suitable only for non viscous and non sticky liquids, without magnetic and/or solid particles. The liquids may not crystallize. Switches are mounted in the guiding stem; they are actuated by the magnet built in the float, to allow 1 or 2 level detections to correspond with your application. All wetted parts are PVC with PA (float), PPH, PVDF or stainless steel 316L (see the cross table). Mounting on the tank is through a threaded connector or with a flange; a different type without connection (straight stem) is available with a cable output. In all models the float is easily removed by unscrewing the lower blocking ring.

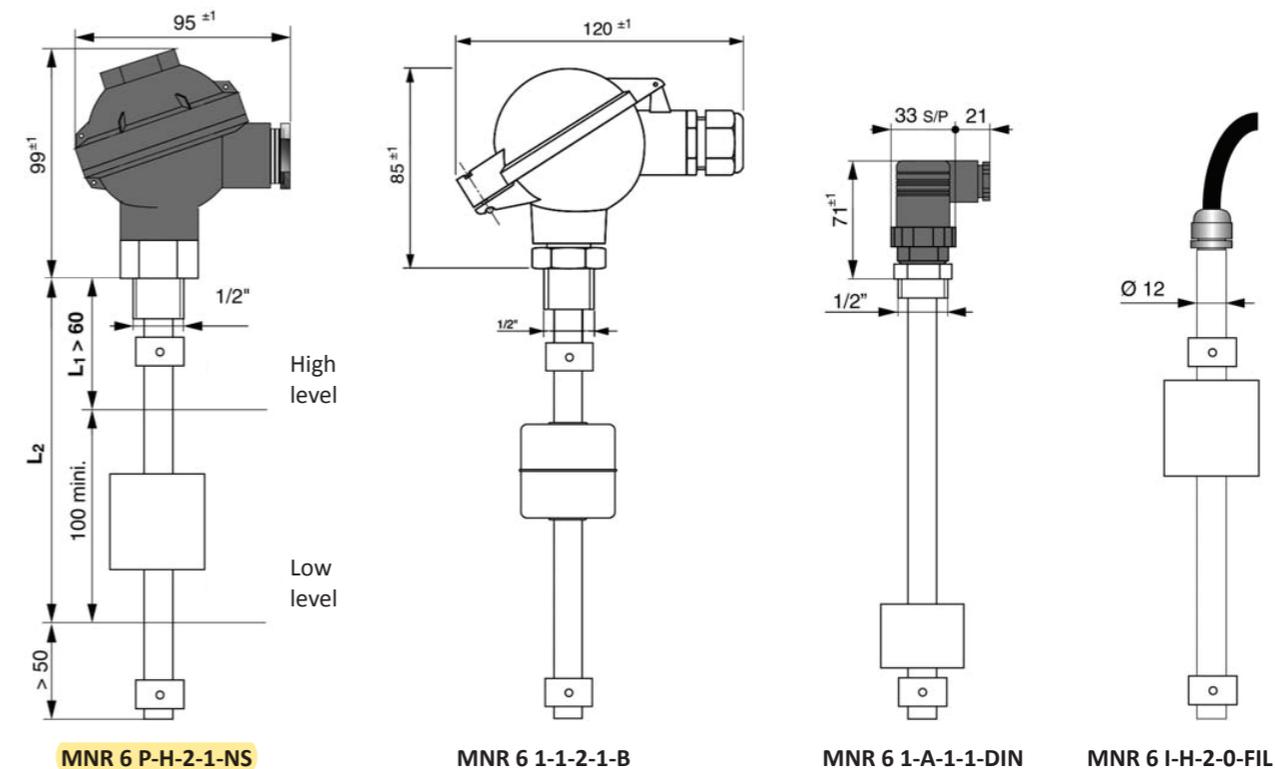
TECHNICAL FEATURES

Max. pressure(at 20°C)	3 bar for composite material 20 bar for stainless steel
Temperature limits	PVC, -5 to +50°C PPH, -5 to +105°C PVDF, -10 to +110°C 316L, -20 to +110°C
Contact(1 or 2)	Change over contacts, bi-stable by using a stopper
Switching capacity	60 VA
Minimum distances	100 mm between 2 contacts Upper dead zone=60 mm Lower dead zone=50 mm
Precision	±2mm
Hysteresis	8 mm

FEATURES

- ✓ Available in PVC - PPH, PPH, PVDF and Stainless Steel 316L
- ✓ 1 or 2 bi-stable change over contacts
- ✓ Small dimensions
- ✓ Lightly sensitive to specific weight variations
- ✓ 4-20 mA continuous transmitter (option RTM MNR 6)

DIMENSION/DRAWING



CODES AND REFERENCES

Refer to ISME.

