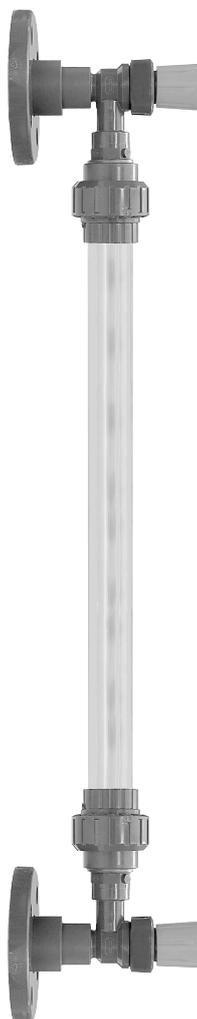


GNR 5 / PVC

Level indicator controller



INSTRUCTION MANUAL

BAMO MESURES

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Level indicator controller
GNR 5 PVC

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NIV

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1. TECHNICAL FEATURES

Tube:	Transparent PVC, Ø 32
Minimal length:	L = 400 mm
Maximal length:	L = 5000 mm
Stop valves:	PVC – EPDM gaskets
Magnetic float:	PPH, diameter 25 mm - length 178 mm
Temperature:	-10°C ... +55°C
Pressure:	Maximal 4 bar at 20°C
Process connection:	Flanges DN25 or DN20 or BSP 1"

2. CAUTION

The device must be out of any magnetic induction interference. Use non-magnetic unions (brass, stainless steel or plastic). Any ferric part should be at least 10 cm away from the float.

Check the chemical compatibility between materials and fluid. The pressure and temperature limits must be in accordance with the process conditions.

3. APPLICATIONS

The GNR 5 PVC by pass level indicator allows a direct reading for level of a liquid into a tank, through the transparent PVC tube.

With the optional level switches BRK or BSM it is possible to control the level by starting and stopping a pump or opening and closing a valve.

4. OPTIONS

Designation	Code n°
PVC protection screen	571 130
Level switch BSM 501 / 32	585 132
Level switch BRK 60 / 32	570 050
Graduated ruler	570 . . .

5. MOUNTING

The level indicator GNR 5 is for mounting on the tank side:

- Corresponding flanges should be at an exact distance.
- Valve type, first mount the valves.
- Assembly of all parts respecting the § 2 precautions.

To fill the GNR 5 open slowly the valves not to have an overpressure.

For level-switch mounting: please refer to their specific manuals.

6. MAINTENANCE

With fluid containing particles, blocking of the float can occur: check regularly and proceed to a complete cleaning when it is necessary.

The cleaning is easier with a valve type GNR 5; nevertheless, apply safety precautions for healthcare with existing chemicals.

