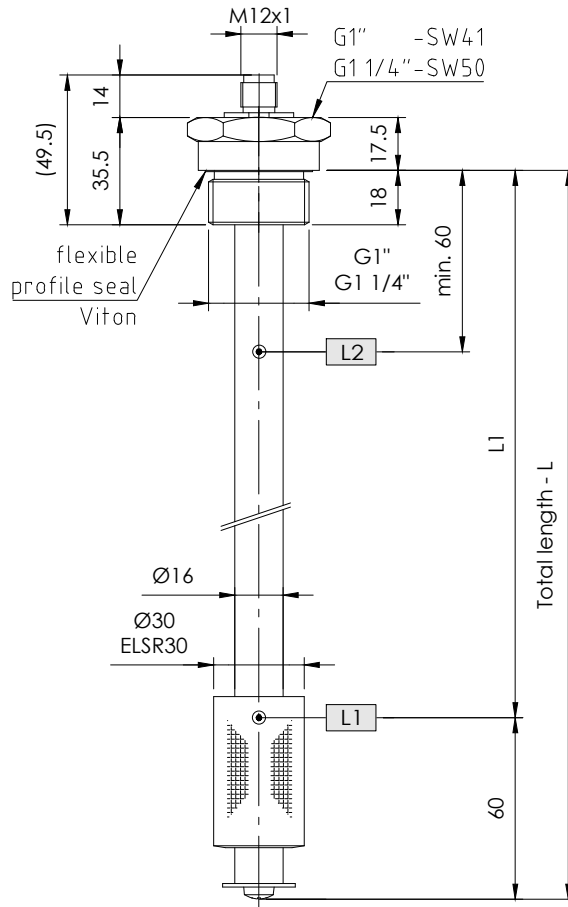


NR 1" - 1 1/4" - 150°C max.

Level regulator for tank insert

serial No. Date
IN - GB - 112B - 10/23



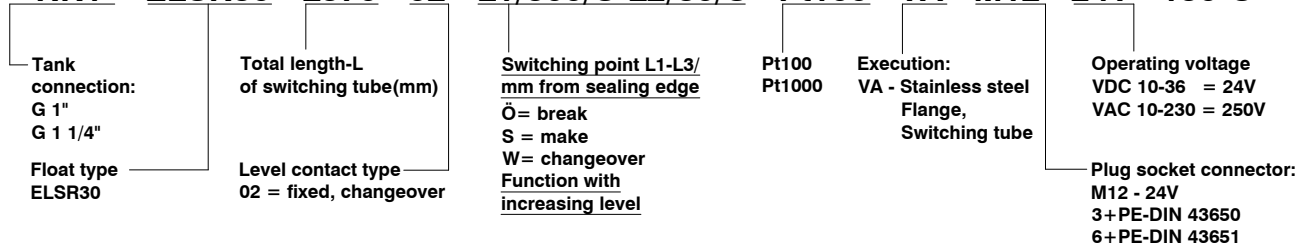
Minimum distance of the contacts see data sheet IN-GB-004.

When ordering Pt100 / 1000 indication of connection II / III / IV-conductors.

Specimen order

NR1" - ELSR30 - L370 - 02 - L1/300/S-L2/80/S - Pt100 - VA - M12 - 24V - 150°C

Order code



Description

The level regulator type NR 1" - 1 1/4" - 150°C max. for tank insert is a solenoid switch operating without contact with the function of monitoring and regulating liquid levels and temperatures. The switching tube contains bistable protective gas contacts, fixed in position.

For fixed contacts, the contact intervals and their functions must be given. The permanent magnet built into the float switches the contacts when the level changes.

The switching difference (hysteresis) is 4 mm.

For temperature monitoring and regulation, thermal elements such as Pt100 / Pt1000 can be additionally incorporated.

The level controller is maintenance - free when nondeposit media are used.

For inductive loads, a protective circuit must be provided (free-wheeling diode/RC element).

The device must only be installed by specialists.

Max. viscosity 150mm²/S

Technical data

Switching tube	Stainless steel (VA) max. L = 1000mm
Connection flange	VA: G1", SW41 VA: G1 1/4", SW50 with Viton-flexible profile seal
Nominal pressure	10 bar max.
Temperature of medium	150°C max.
Float	Ceramic, Type: ELSR30
Medium density	0,80 kg/dm ³ min.
Level contacts	bistable make / break / changeover
Operating voltage	250V AC / DC max.
Contact details	Datasheet: IN-GB-004
Thermal elements	Pt100 / Pt1000 DIN EN 60751 Datasheet: IN-GB-005
Number of functions	max. 3 can be incorporated
Mounting position	vertical ± 30°

Technical data



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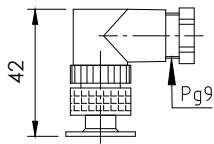
Level regulator

Plug variants and terminal pin assignment

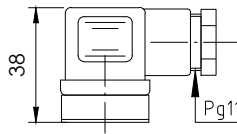
serial No. Date
IN - GB - 112B - 10/23

Standard pin assignment
Function with increasing level / temperature

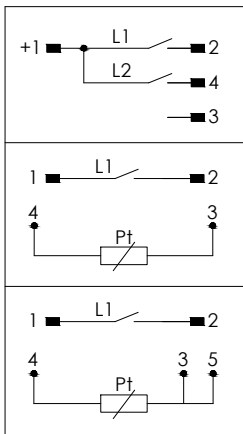
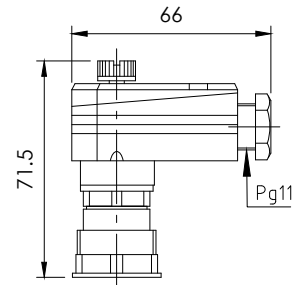
Plug connection
M12 IP67
5-polig



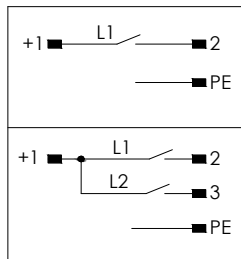
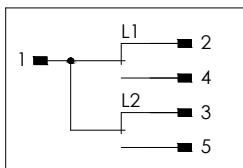
Plug connection
3+PE IP65
EN 175301-803
(DIN 43650)



Plug connection
6+PE IP65
EN 175201-804
(DIN 43651)



Circuit diagram
02 = fixed-changeover



Circuit diagram
02 = fixed-changeover

