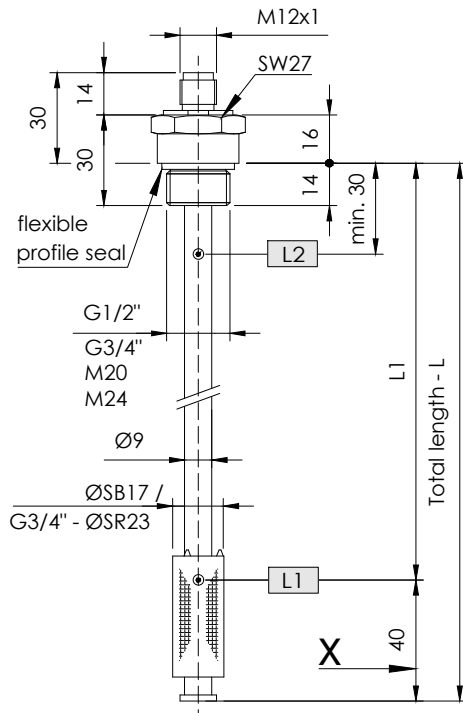


NR 1/2" - 3/4" - M20 - M24 - Desina

Level regulator for tank insert

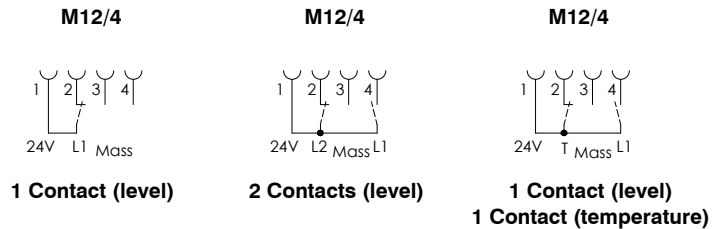
serial No. Date
IN - GB - 100D - 03/24



Minimum distance of the contacts see data sheet IN-D-003.

$$X = L1 + 1 \text{ Thermal contact} + 60\text{mm}$$

DESINA - Standard



Function with falling level

Order code

Specimen order NR1/2" - L250 - 01 - L1/90/S - T70Ö - M12 - Desina

Tank connection:
G1/2"
G3/4"
M20
M24

Total length-L
of switching tube(mm)
Standard length
L=250, 370, 500mm

Switching point L1-L2/
mm from sealing edge
Ö = break
S = make
Function with
increasing level

Level contact type
01 = fixed, plain

Thermal contact
T10Ö
T40Ö
T50Ö
T60Ö (S)
T70Ö (S) (Ö preferred)
T80Ö (S)
T90Ö
(Indicate T1... - T2... for
two thermal contacts)

Plug socket connector:
M12 - 24V

Technical data

Description

The level regulator type NR 1/2", 3/4", M20, M24 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 function 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 thermal contacts can be additionally incorporated. The level regulator 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 Connection	Brass, max. L = 800mm Brass: G 1/2", SW27 Brass: G 3/4", SW32 Brass: M20x1,5 Brass: M24x1,5
Nominal pressure	1 bar max.
Temperature of medium	80°C max.
Float	Hart Pu, Type: SB17 / SR23 Ceramic, Type: ELSB17 (with viton - seal) 0,80 kg/dm ³ min. bistabil, Make / Break serie M12 IP67
Medium density	0,80 kg/dm ³ min.
Level contacts	bistabil, Make / Break serie M12 IP67
Plug socket connector	24V DC max.
Operating voltage	Datasheet IN-GB-003
Switching current	Datasheet IN-GB-003
Switching potential	max. 2 can be incorporated
Number of functions	vertical ± 30°
Mounting position	



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