



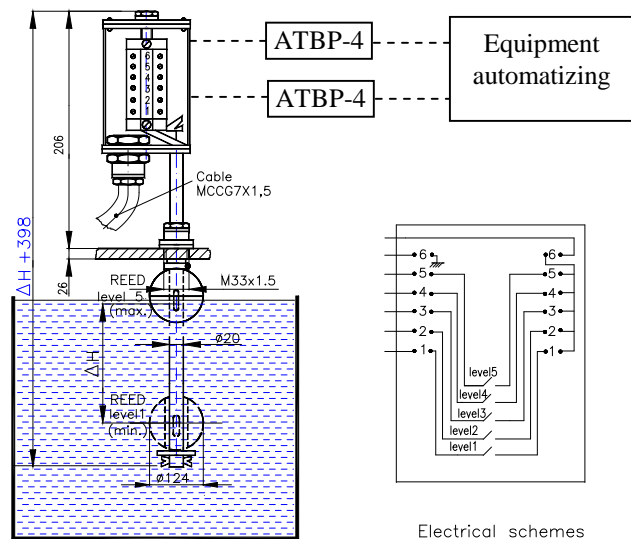
STEP LEVEL MAGNETIC SIGNALLER TYPE SNT-RP



DESCRIPTION

Step level magnetic signaller type SNT-Rp apparatus is used to signal certain liquid quotes from an open vessel or under pressure, by switching off some REED type switched on contacts. The contacts are acted through a permanent placed inside of the float controlling the level liquid. When the float will not be in front of the contact, this one will suddenly return at the normal on state.

Apparatus can signal five varied levels and it could be used in the automatizing schemes, for the transfer pumps commanding or for alarm switching, when the maximum / minimum level is reached.



TECHNICAL DATA

Measuring domain : $\Delta H = (400 \dots 5000) \text{ mm}$

Liquid specific weight : $(0,4 \dots 3) \text{ g/cm}^3$

Liquid temperature : $(-30 \dots +150)^\circ\text{C}$

Working liquid maximum pressure: 25 bar

Liquid viscosity : max. 700 cP

Working liquid nature : noncorrosive to the stainless steel

Error signalling : $\pm 50 \text{ mm}$

REED contacts characteristics : 350 Vca/400Vcc; 1,5 Acc; 20 Wcc

Enclosure : IP 54

Temperature of environment : $(-30 \dots +70)^\circ\text{C}$

Relative humidity : max. 80%

Vibrations : max. 60 Hz

ORDERING

You have to indicate :

- ΔH signalled length
- signalling level number 2 ... 5 measuring domain
- working liquid (temperature, specific weight, viscosity)

APPLICATION

Apparatus is mounted vertically on the vessel cover or upper flange in which a M33×1,5 thread has been made.

Installation connection MCGG 7×1,5 cable.

For operating in explosure danger media, it is recommended the SNT apparatus connection with a ATBP-4 safety barrier - product AMCO OTOPENI, ensured Ex ia II CT 5 protection.