



PTC thermistor level controllers

benefits

- compact control unit
- universal application due to selectable functions

Application

For use in electrically conductive and non-conductive liquids which are not viscous or adhesive, such as fuel oil, diesel fuel and media which are not corrosive.

Description

PTC thermistor type level controller with selectable functions:

Level switch (1 probe),
Level control for filling (2 probes),
Level control for emptying (2 probes)

Level switch with 1 probe:

The relay switches in case of contact or loss of contact with the liquid. When the switch point is set, it must be observed that the PTC thermistor requires approx. 8 seconds to heat up depending on the ambient temperature.

Level control for filling with 2 probes:

Set internal switch to "fill". The relay energises after the min. probe has heated up. Relay de-energises when the max. probe comes into contact with the liquid.

Level control for emptying with 2 probes:

Set internal switch to "empty". Relay energises when max. probe has contact with the liquid. Relay de-energises when the min. probe loses contact with the liquid and heats up.

Technical Specifications

Operating temperature range

Medium: -25/+50 °C
Ambient: -10/+55 °C
Storage: -10/+55 °C

Probe

PTC thermistor probe
L x ø: 57 mm
Cable length: 3.2 m
max. length: 50 m
Process connection: G½, G1

Supply voltage

AC 230 V

Nominal power
12 VA

Switching output
Relay contact: 1 x voltage-free changeover contact
Contact rating: max. AC 250 V, 2 A

Housing
plug-in housing
W x H x D: 53 x 113 x 108 mm
Degree of protection: IP 30 (EN 60529)

Scope of delivery
• Control unit without probe

Versions

		Part no.
Level controllers RG 210		53206
in-stock items Non-stock items		