PTC thermistor level controllers RG 210

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.

Versions

	Part no.
Level controllers RG 210	53206
Flexible PTC thermistor probe Type 937	53204

Blue part no. = in-stock items

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 ⌀: 57 x 14 mm
Cable length: 3.2 m
Max. length: 50 m
Process connection: G½, G1

Supply voltage
AC 230 V

Nominal power
12 VA

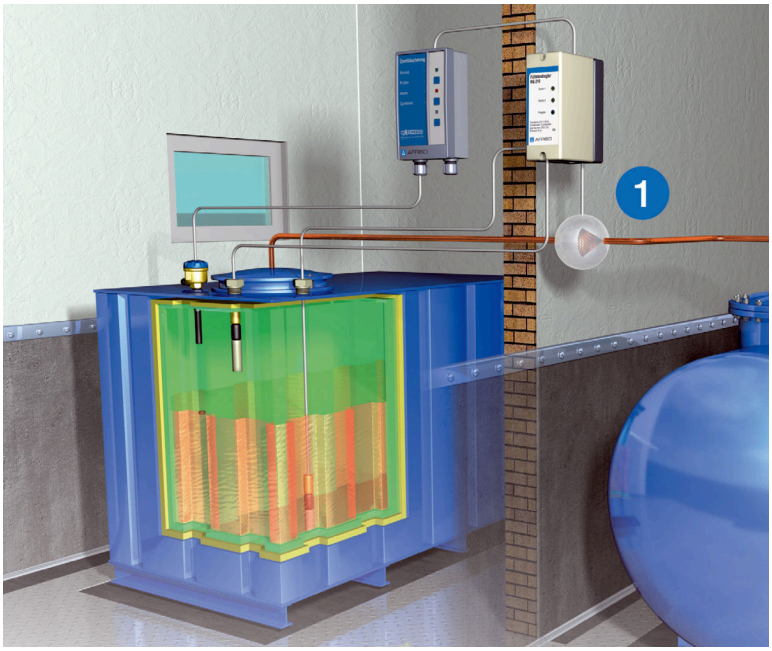
Switching output
Relay contact: 1 x voltage-free changeover contact
Contact rating: Max. AC 250 V, 2 A

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

Detail views

Example: daily-service tank for fuel oil



1. Storage tank pump