



## Level controllers RG 210

Part no. 53206

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 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

**Scope of delivery**

- Control unit without probe

**Housing**

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

**Versions**

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- in-stock items
- Non-stock items