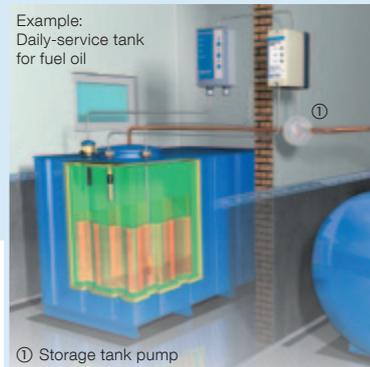


# PTC thermistor level controller RG 210



- Compact control unit
- Universal application due to selectable functions



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**Application** For use in electrically conductive and non-conductive liquids which are not viscous or adhesive: fuel oil, diesel fuel, emulsions, water, 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/+55 °C  
Ambient: -10/+55 °C

**Probe**

PTC thermistor probe, types 150 or 937  
Cable length 3 m (max. 50 m)  
Process connection G1

**Supply voltage**

AC 230 V

**Power input**

12 VA

**Relay contact (output)**

1 voltage-free changeover contact

**Housing (degree of protection)**

Plug-in housing (IP 30)  
W x H x D: 53 x 113 x 108 mm

**Flexible PTC thermistor probe type 150**

Flexible PTC thermistor probe designed for use with electrically conductive and non-conductive liquids which are not viscous or adhesive, for connection to RG 210. See RG 210 for further characteristics of the liquids. Stainless steel-encapsulated PTC thermistor, with oil-resistant probe cable (3 m long) and G1 gland connection, pressure-proof up to 1 bar.

**Flexible PTC thermistor probe type 937**

Flexible PTC thermistor designed for oils and other electrically non-conductive liquids (low-viscosity, non-adhesive). The PTC thermistor connection wires are not encapsulated. Not suitable for installation in humid environments.

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Note: Not to be used as an overflow prevention system according to TRbF. Requires either the connection of an overflow pipe to the tank or the additional installation of an overflow prevention system according to TRbF / WHG.

DG: H			Part no.	Price €
<b>RG 210</b>	1	-	<b>53206</b>	
<b>Flexible PTC thermistor probe type 150</b>	1	-	<b>53208</b>	
<b>Flexible PTC thermistor probe type 937</b>	1	-	<b>53204</b>	