



REGULATORS

- Temperature regulators
- Pressure regulators
- Excess pressure regulators



TR 7121

Series

TR 7121

TR 7122

Temperature regulators for heating systems, such as heat exchangers, boilers etc., applicable for liquids, steam and gases up to 350 °C. The regulator closes when the temperature rises.

- Self-operated proportional regulator without auxiliary energy
- Globe valve with flanges
single seat unbalanced / single seat balanced
- Reduced Kvs-values are standard
- Set points from 0 °C ... 170 °C
- Options separate set point adjustment
- With thermostat in brass TR 7512
- Capillary tube in Cu s.s jacketed, length 2 m

Technical data

Nominal diameter	DN 15 ... 100
Nominal pressure	PN 16 ... 40
Body materials	GP240GH 1.4408
Flanges	According to DIN 2501; EN 1092-1 Different flanges on request
Trim variations	Contoured plug (linear) Plug + Stem 1.4404 Seat 1.4542 Stellited seat Stellited plug
Seat leakage	According to DIN EN 1349, Class IV Class VI according to DIN EN 1349 soft seat with PTFE-graphite (max. +150 °C)
Approvals	ATEX GOST DGRL



Data sheet under <http://www.rtk.de/en/produkte0/selbstttigeregler0/temperature-regulators.html>



TR 7221

Series

TR 7221

TR 7222

Temperature regulators for cooling systems, such as heat exchangers, cooling circuits etc., applicable for liquids, steam and gases up to 220 °C. The regulator opens when the temperature rises.

- Self-operated proportional regulator without auxiliary energy
- Globe valve with flanges
single seat unbalanced / single seat balanced
- Reduced Kvs-values are standard
- Set points from 0 °C ... 170 °C
- Options separate set point adjustment
- With thermostat in brass TR 7512
- Capillary tube in Cu s.s jacketed, length 2 m

Technical data

Nominal diameter	DN 15 ... 100
Nominal pressure	PN 16 ... 40
Body materials	GP240GH 1.4408
Flanges	According to DIN 2501; EN 1092-1 Different flanges on request
Trim variations	Contoured plug (linear) Plug + Stem 1.4404 Seat 1.4542 Stellited seat Stellited plug
Seat leakage	According to DIN EN 1349, Class IV Class VI according to DIN EN 1349 soft seat with PTFE-graphite (max. +150 °C)
Approvals	ATEX GOST DGRL



Data sheet under <http://www.rtk.de/en/produkte0/selbstttigeregler0/temperature-regulators.html>



Series

TR 7331

TR 7332

TR 7336

TR 7337

Temperature regulators with mixing or diverting valve for heating/cooling systems, such as heat ex-changers, boilers or cooling circuits etc., applicable for liquids, steam and gases up to 350 °C. The regulator opens/closes when the temperature rises.

- Self-operated proportional regulator without auxiliary energy
- Three-way valve with flanges mixing- / diverting valve
- Reduced Kvs-values are standard
- Set points from 0 °C ... 170 °C
- Options separate set point adjustment
- With thermostat in brass TR 7512
- Capillary tube in Cu s.s jacketed, length 2 m

Technical data

Nominal diameter DN 20 ... 100

Nominal pressure PN 16 ... 40

Body materials GP240GH
1.4408

Flanges According to DIN 2501; EN 1092-1
Different flanges on request

Trim variations Mixing- / Diverting plug (linear)
Plug + Stem 1.4404
Seat 1.4542

Seat leakage Class III according to DIN EN 1349 (metal to metal)
Class VI according to DIN EN 1349 soft seat with PTFE-graphite (max. +150 °C)

Approvals ATEX
GOST
DGRL



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