

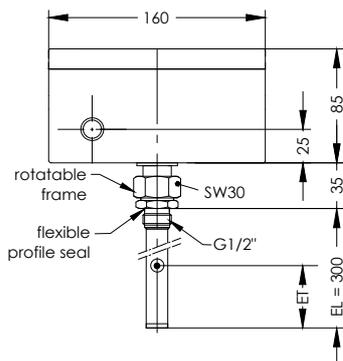
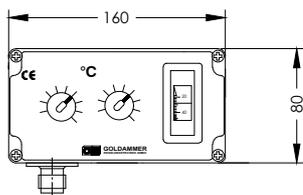
TR - G...

Temperature - Capillary tube - Regulator, 0 - 80°C / 32 - 176°F

serial No. Date
TR-GB- 503A 09/25

Permanent installation FE

G3
T2-A
T3-0



Specimen order

TR G3 - T2 - A - FE - 300 - MS - III - DIN43651 - 24V

Temperature
T2
T3

A = indication of actual temperature
O = without display

FE = Permanent installation

EL = length of immersion tube (mm)
Standard Length *
300 * 500 800
1000 1200

III = 0 to 80°C
II = 32 to 176°F

Execution:
MS - Brass
VA - Stainless steel

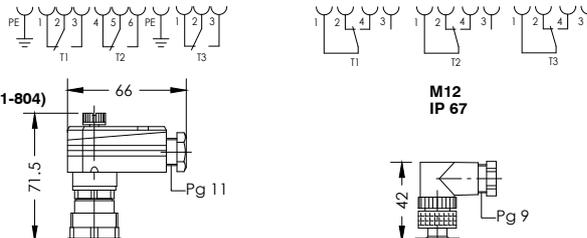
Operating voltage:
VDC 10- 36= 24V
VAC 10-230=250V

Plug socket connector:
DIN 43651
M12 - 24V

Order code

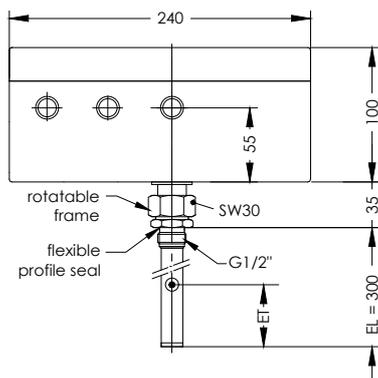
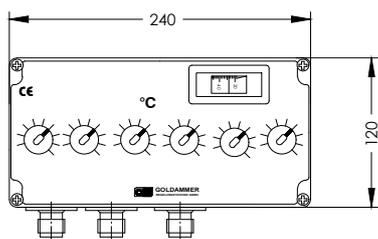
Connector variants

Function under switching temperature



Permanent installation FE

G7
T3-A
T4-A(O)
T5-A(O)
T6-A(O)



Specimen order

TR G7 - T4 - A - FE - 300 - MS - III - DIN43651 - 24V

Temperature
T3 T5
T4 T6

A = indication of actual temperature
O = without display

FE = Permanent installation

EL = length of immersion tube (mm)
Standard Length *
300 * 500 800
1000 1200

III = 0 to 80°C
II = 32 to 176°F

Execution:
MS - Brass
VA - Stainless steel

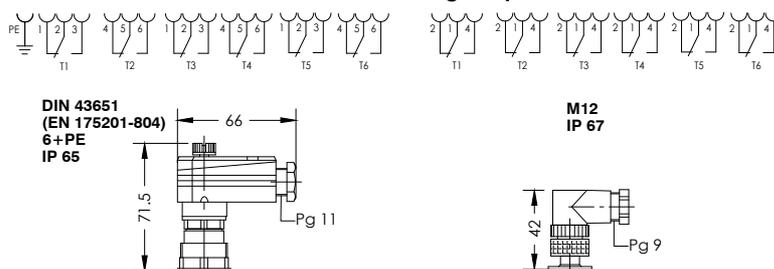
Operating voltage:
VDC 10- 36= 24V
VAC 10-230=250V

Plug socket connector:
DIN 43651
M12 - 24V

Order code

Connector variants

Function under switching temperature



Description

The temperature capillary tube regulator TR - G... works on the principle of liquid extension. A change of temperature in the probe causes a change in volume. This force operates a potential free changeover contact through a membrane. The desired switching temperatures can be set separately. The range lies between 0 and 80°C, 32 to 176°F. On request the devices will be supplied with a display of actual temperature. The probes are located in an immersion tube.

The device must only be installed by specialists.

Housing cover with safety screws can be supplied on request.

Technical data

Switch cabinet	ABS with transparent cover
Protection class	IP 65
Electric. connection	Plug socket connector Serie M12 IP67 DIN 43651 IP65
Probe bush	G1/2", stainless steel (VA), brass (MS)
Minimum coverage	1 - 3 functions 100 mm 4 - 5 functions 200 mm 6 functions 300 mm
Operating pressure	16 bar max.
Ambient temperature	-40 to +80°C
Temperature display	0 to 120°C ±3°C
Temperature relay	Changeover cont. max 250V~, 10A, min. 5 mA
Temperature range	0 to 80°C, switching difference 5k ±1k
Switching accuracy	±5k

Technical data



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