

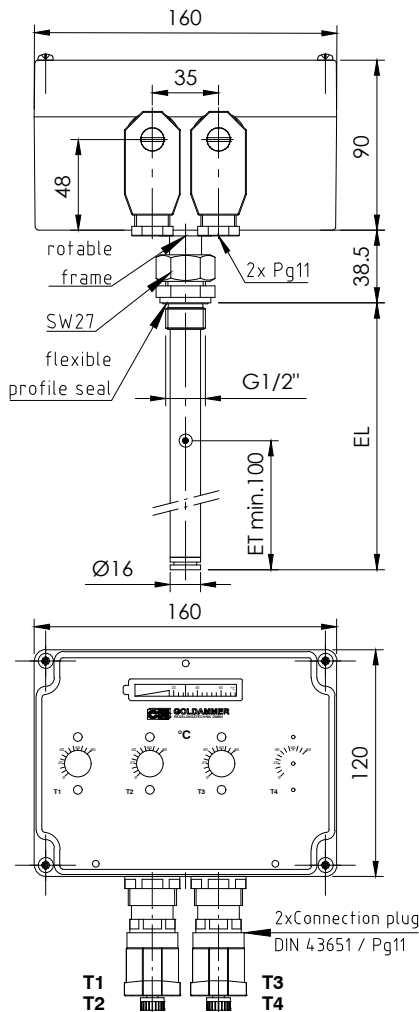
TR 15 - T3 / T4 - Plug connector

Temperature - Capillary tube - Regulator

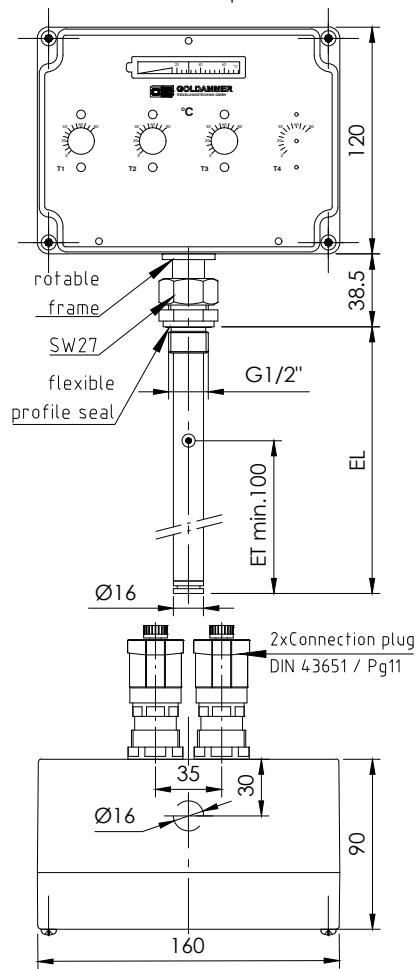
0°C - 80°C

serial No. Date
TR-GB- 501/1 07/26

FE - Fixed rod mounting

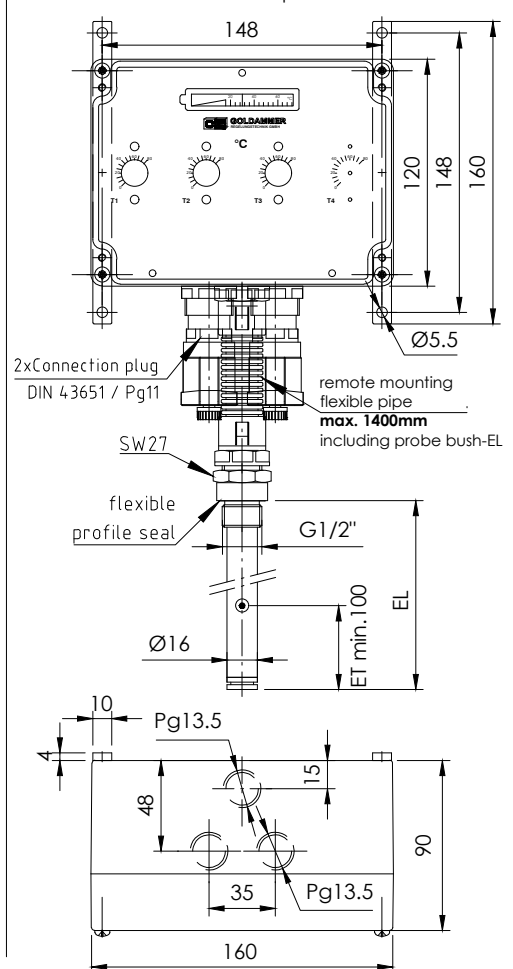


VM - Vertical mounting



ET = Minimum immersion depth for the sensor in the medium to achieve accurate scanning.

FM - Remote mounting



Specimen order

TR15 - T3 - A - FM - 400 - MS - III - 2 DIN 43651 - TF70Ö - 24V

Temperature
T3 = 3 contacts
T4 = 4 contacts

A = actual temperature display
O = without actual temperature display

FE = permanent installation
VM = vertical installation
FM = remote installation

MS - Brass
VA - Stainless steel

III = 0°C to 80°C

EL = length of immersion tube (mm)
100 (EL100 = max. 3 functions)
200 500
300 800
400 900

Steckverbindung
1 x DIN 43651
2 x DIN 43651

Pt100
Thermal contact:
T10Ö
T40Ö
T50Ö
T60Ö (S)
T70Ö (S) (Ö preferred)
T80Ö (S)
T90Ö
(for 2 thermal contacts, specify T1...T2...)

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

Description

The TR 15 - T3 / T4 temperature capillary tube regulator 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 is between 0°C and 80 °C. On request the devices will be supplied with a display of actual temperature. The probes are located in an immersion tube. The cable connections are made with connection terminal strips of 1,5 mm².

The device must only be installed by specialists.

Housing covers with safety screws are available upon request.

Technical data

Switch housing
Protection class
Plug-in connection

Probe bush
Operating pressure
Ambient temperature
Temperature display
Temperature relay

Temperature range
Switching accuracy
Switching difference
ET (immersion depth) min.
Thermal contact
Thermal element Pt100

ABS with transparent cover
IP 65
plug connector 6+ PE/DIN 43651/IP65 (EN 175201-804)
Brass (MS), Stainless steel (VA)
16 bar max.
-40°C to +80°C
0°C to 120°C ±3%
changeover cont. max 250V~, 10A, min. 5 mA
±5K
5K±1K
100mm
Datasheet: IN - 006
Datasheet: IN - 005



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TR 15 - T3 / T4 - Plug connector

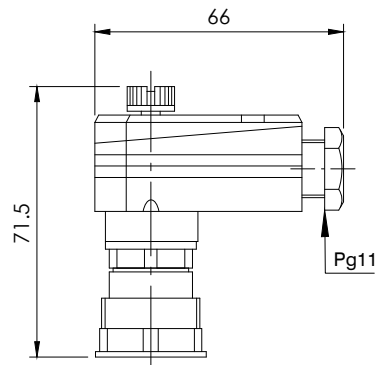
0°C - 80°C

Plug variants and terminal pin assignment

serial No. Date
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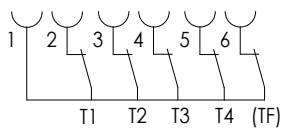
Standard pin assignment
Function under switching temperature

plug connection
6+PE IP65
EN 175201-804
(DIN 43651)



1 x 6+PE IP65
EN 175201-804
(DIN 43651)

1 Plug
opener



2 x 6+PE IP65
EN 175201-804
(DIN 43651)

1. Plug
changer

2. Plug
changer

