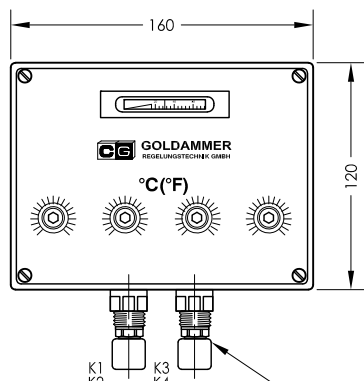
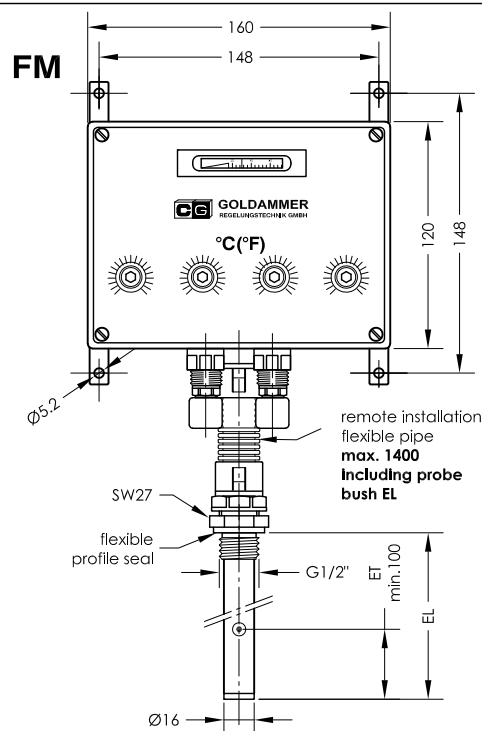
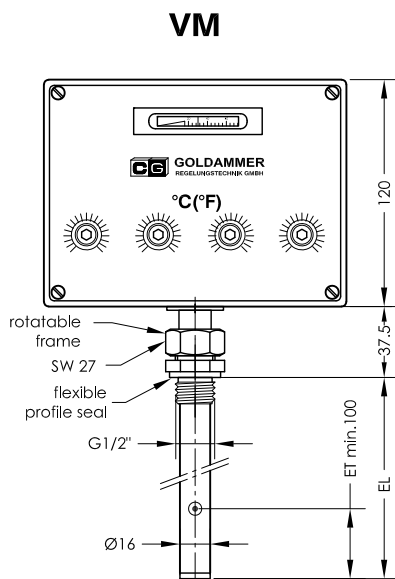
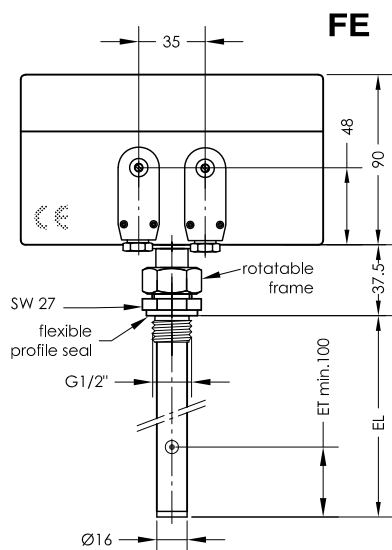


TR 15 - K3 / K4 - Connector

Temperature - Capillary tube - Regulator

serial No. Date
TR-GB- 501/1 04/19



Plug socket
Connector
DIN43651 PG11

Specimen order

TR 15 - K3 - A - FM - 400 - MS - I - DIN43651

Temperature
K3= 3 contacts
K4= 4 contacts

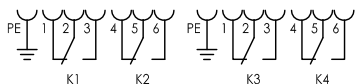
A= indication of actual
temperature
O= without display

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

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

MS
VA
I = 0 to 120°C
II = 32 to 248°F
III = -10 to 80°C

Terminal diagram



Function under switching
temperature

ET= minimum Immersion depth
In the medium for the probe to
archive an exact measurement.

Order code

Description

The TR 15 - K3 / K4 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 separate. The range lies between 0 and 120 °C, (32 to 248°F), (-10 to 80°C). 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	DIN43651 / Connector
Probe bush	Brass (MS) , Stainless steel (VA)
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~, 1C
Temperature range	min. 5 mA
Switching accuracy	0 to 120°C, (32 to 248°F)
Switching difference	(-10 to 80°C EL max.500mm)
	±5k
	5k±1k



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