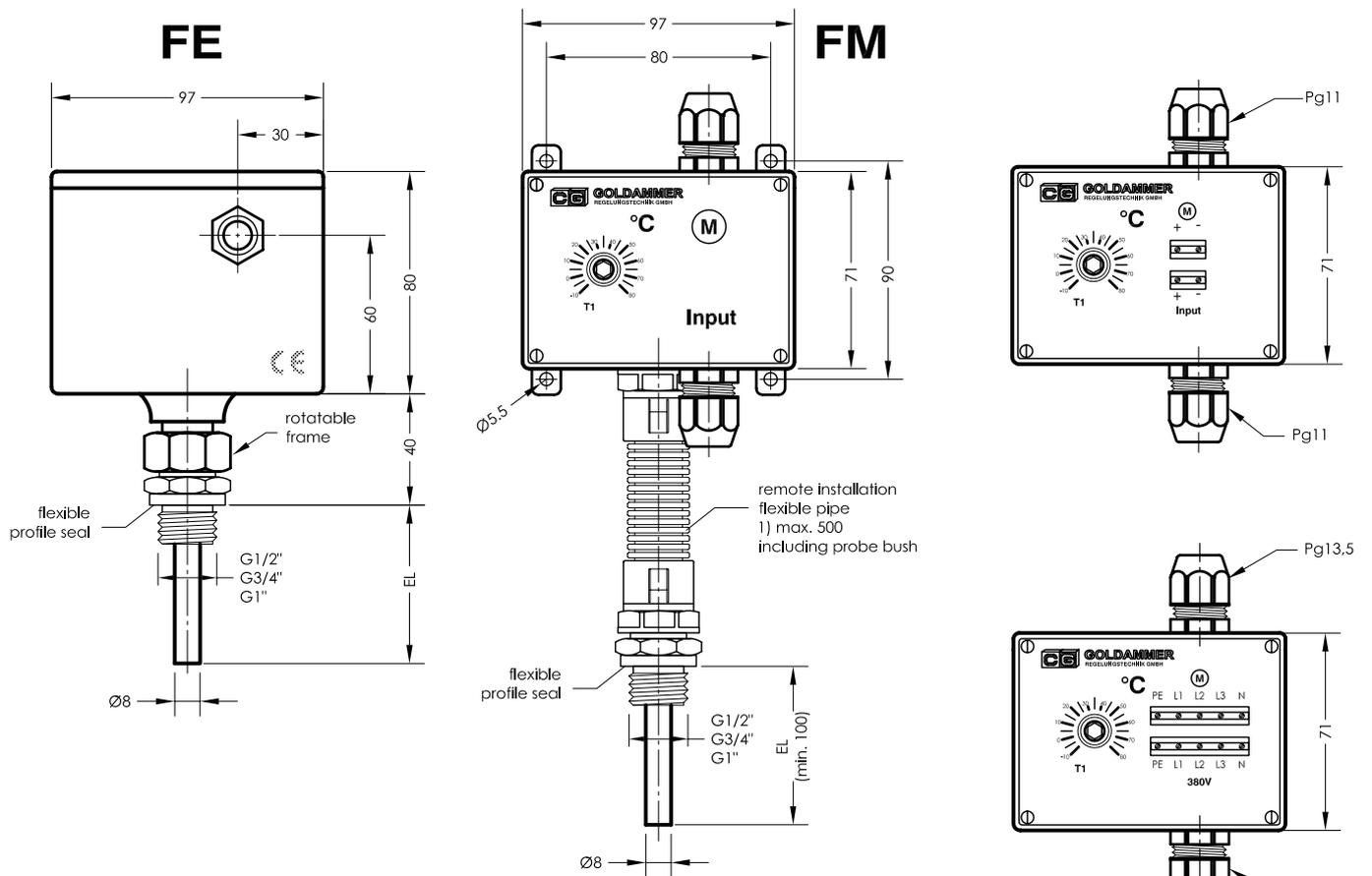


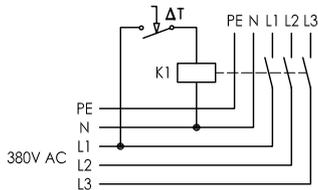
TR 10

Temperature - regulator for control the fan motor

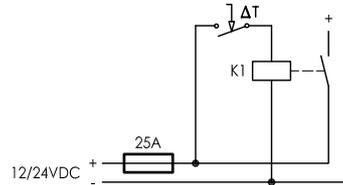
serial No. Date
TR-GB- 500 12/02



Circuit layout three phase motor



Circuit layout direct current motor



Specimen order

TR 10 - G1/2" - 12 V - FE - 40 - 5k

Threaded connection:

G1/2"
G3/4"
G1"

12V DC
24V DC
115/230/380V AC

Switch difference
5k
10k

EL= length of immersion tube (mm)
40
100
200
300
400
500

FE= permanent installation
FM= remote installation

Switching voltage	12/24V DC	115/230/380V AC
Type of contact	1 closing contact	3 closing contacts
Switching current	30A	10A
Braking capacity	7500 VA	2500 VA
Mechanical life span	5x10 ⁶	>20x10 ⁶
	switch tolerances	switch tolerances

Description

The temperature regulator TR10 serves as the control for fan motors. The installation of the regulator can take place directly into the warm air exchanger, pipelines, or in medium casings.

The fan motor is controlled by an adjustable temperature regulator. Additional controls are not required.

The ideal medium temperature can be reached by the adjustable temperature control point. The effectiveness of the hydraulic system remains constant.

In the case of oil-hydraulic plants an optimal oil viscosity is reached. Switching voltage from 12-380V, special voltage on request.

Technical data

Gear shift housing	ABS with transparent cover
Protective system	IP 65
Threaded connection	Brass G1/2", SW27 Brass G3/4", SW32 Brass G1", SW41
Electric. connection	Cable fitting Pg11, terminal block
Detector bushing	Brass
Operating pressure	16 bar max.
Ambient temperature	-40 to +80°C
Temperature range	-10 to +80°C (-14 to +176°F)
Switching accuracy	3k
Switching difference	optional ~ 5k or ~10k



GOLDAMMER
REGELUNGSTECHNIK GMBH

FELDSTRASSE 24 A
P.O.BOX 10 02 17
D-40802 METTMANN

PHONE (49) 2104/12093
FAX (49) 2104/12028

www.Goldammer-Regelungstechnik.com