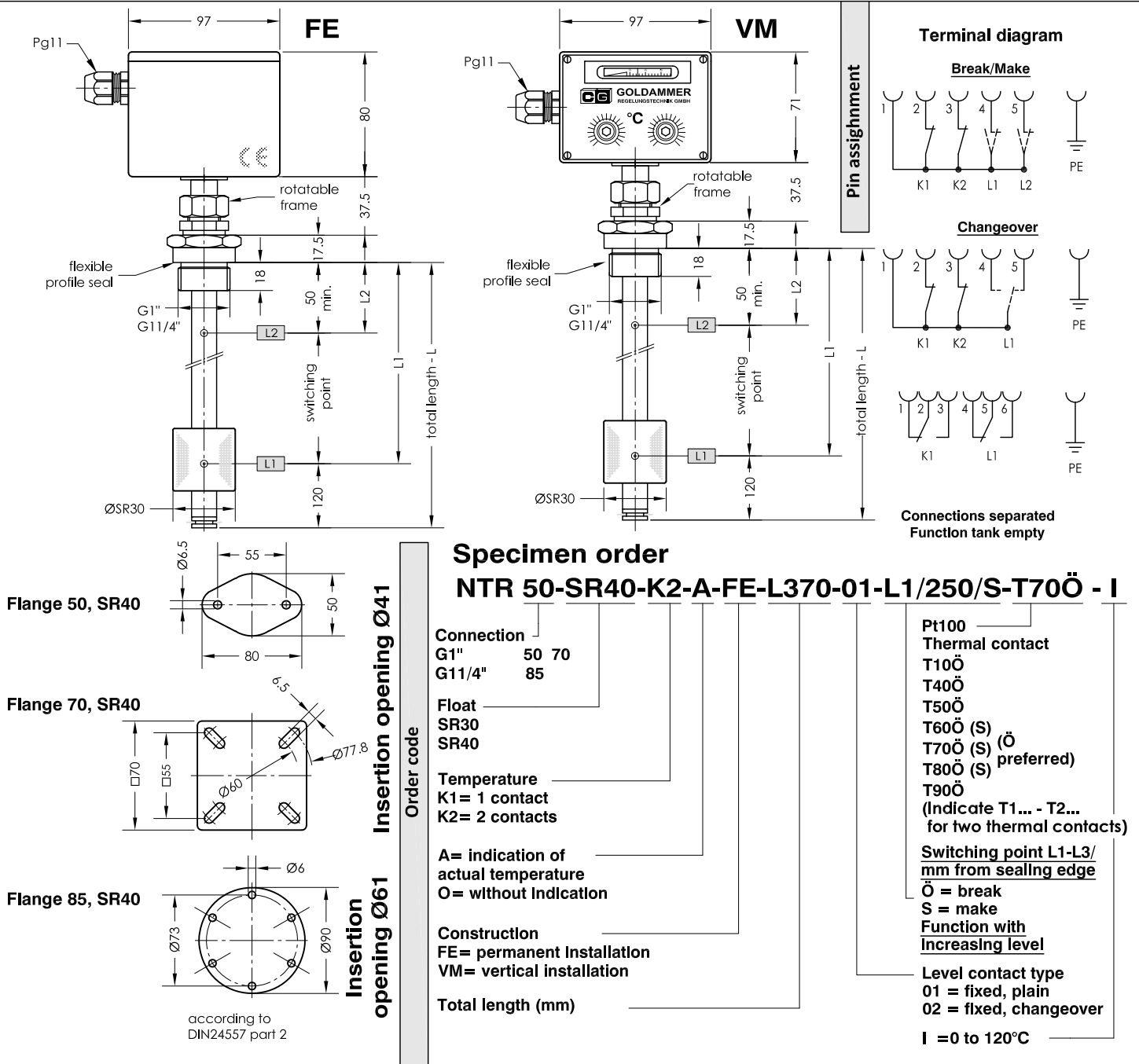


NTR ... - K

Level - Temperature - Capillary tube - Regulator

serial No. Date
NT-GB- 400 06/21



Description

The level - temperature - capillary tube - regulator NTR ... K for tank insert is a combined unit for level and temperature regulation.

To monitor the level, the switching tube contains bistable level contacts are fixed in position. The permanent magnet built into the float switches the contacts when the level changes. The switching difference (hysteresis) is 4mm. The temperature is regulated with the capillary tube device. It operates on the principle of liquid expansion. The thermal probes are located in the lower half of the switching tube. A maximum of 2 temperature contacts, adjustable from 0 to 120°C

(-10 to 80°C), and an actual temperature display can be incorporated. For temperature monitoring and regulation, thermal elements such as Pt100 and thermal contacts can be additionally incorporated. The cable connections are made with series terminals of 1,5 mm².

For inductive loads, a protective circuit must be provided (free-wheeling diode/RC element).

The device must only be installed by specialists.

With optional plug socket connector DIN 43650, 6 pol+PE IP65 or serie M12 IP67.

Technical data

Switching tube	Brass, max. L = 1000mm
Switch cabinet	PC, IP65
electric. connection	Cable thread Pg11 + series terminals 1,5mm², tightening torque SEV 0,5Nm max. optional, with seal
Tank connection	1 bar max.
Nominal pressure	100 °C max.
Temp.of medium	Hard Pu SR30, SR40
Float	bistable, Datasheet IN - GB - 003(004)
Level contacts	bistable, Datasheet IN - GB - 003(004)
Temperature contacts	0 to 120°C, adjustable
Temperature range	0 to 120°C ±3°
Temperature display	±5k
Switching accuracy	5k±1k
Switching difference	Pt100, thermal contact
Thermal elements	max. 5 can be incorporated
Number of functions	vertical ± 30°
Mounting position	Sheet TR-GB-507
*Thermal contact	

Housing cover with safety screws can be supplied on request.

Technical data



GOLDAMMER
REGELUNGSTECHNIK GMBH

SCHÖLLERSHEIDER STR. 15 PHONE (49) 2104/12093
P.O.BOX 10 02 17 FAX (49) 2104/12028
D-40802 METTMANN www.Goldammer-Regelungstechnik.com
info@goldammer-regelungstechnik.com