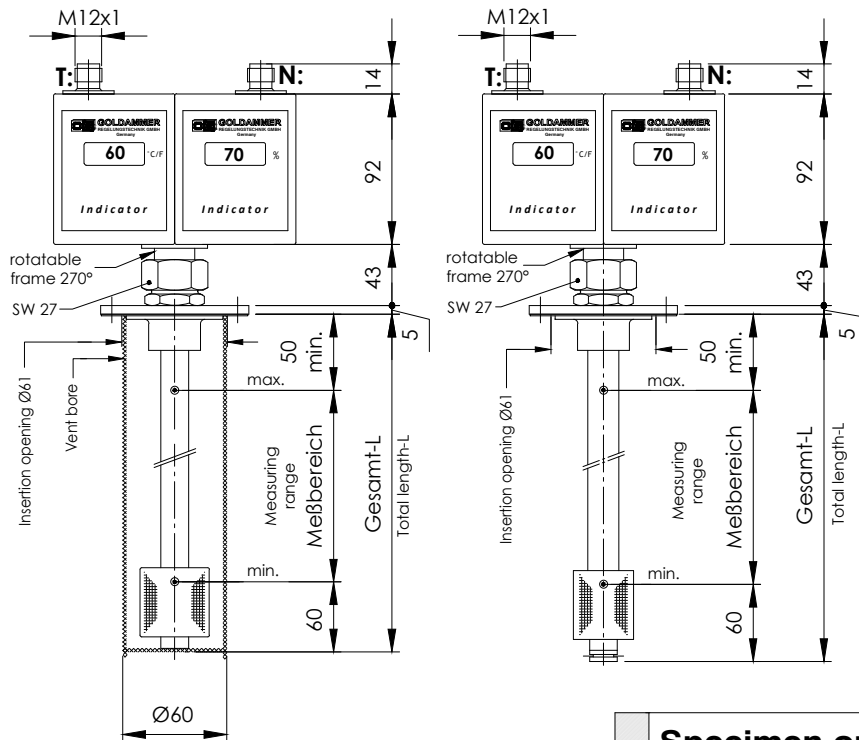


Indicator - LT - MA - 2

Level - temperature controller 4-20mA with LED display

serial No. Date
IND-GB- 106A 02/23



Flange 85
according to DIN24557 part 2

Pin assignment

Plug securing

T: 1 = +12V-30V DC
2 = Temperature 4 - 20mA
3 = GND - Indication

N: 1 = +12V-30V DC
4 = Level 4 - 20mA
3 = GND - Indication

Specimen order

NR85-S-LT-MA-2-SR45-L250-MS-NA-TA-2M12

Tank connection:
NR85-L max. 2000mm

O = without protective tube
S = with protective tube

Float type
SR45
VR50

NA = Level indication
TA = Temperature indication

Execution
MS = Brass
VA = Flange,
Protective tube,
Switch tube
and float stainless steel

Total length-L
switching tube
(mm)
standard length
L=250 L=800
L=370 L=1000
L=500 L=1200
L= max. 2000mm

Description

The level temperature regulator, type Indicator - LA - MA - 2 designed for container installation, is a contact less electromagnetic switch serving for continuous teletransmission of liquid levels and temperature.

Via cables of any length, level and temperature can be continuously evaluated for automatic control and display. The level controller contains a resistance measuring chain and a Pt100 resistor.

The level and temperature dependent signal is converted in the integrated measuring transducer into a linear current change of 4-20 mA and is evaluated by electronics with LED - display, which indicates the current display.

The level controller is maintenance-free when nondeposit media are used.

The device must only be installed by specialists.

Other temperature ranges on request.

Technical data

Protective tube
Switch tube
Tank connection:

Nominal pressure
Cabinet
Temperature of medium
Float
Connection
Operating voltage
Measuring range level
Measuring range -
Temperature
Contact grid
Display

Probe
Mounting position
*Indicator

Stainless steel
Brass, stainless steel
Polyamid or stainless steel
with flat seal
1 bar max. / VR50 10 bar max.
Polycarbonate, IP67
100°C max.
Hard PU, VR50 stainless steel
M12 series IP67 - male connector
12V ... 30V DC
4 - 20mA = 0 - 100%
4 - 20mA = 100°C
7.5 mm
LED 3-digit
-10 bis 100°C (°F) / 0 bis 100%
Pt100
vertical ± 30°
Sheet IND-GB

Technical data



GOLDAMMER
REGELUNGSTECHNIK GMBH

SCHÖLLERSHEIDER STR. 15
P.O.BOX 10 02 17
D-40802 METTMANN

PHONE (49) 2104/12093
FAX (49) 2104/12028
www.Goldammer-Regelungstechnik.com
info@goldammer-regelungstechnik.com