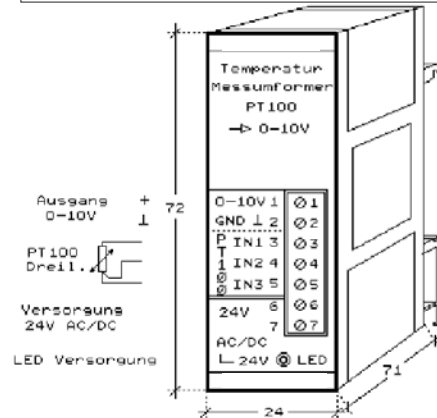


MU-S2 PT100

Steckbare Anschlussklemme 7 pol.

- 1 - Output 0...10V
- 2 - Output Gnd
- 3 - Input Pt100
- 4 - Input Pt100
- 5 - Input Comp.
- 6 - Input Supply 24V
- 7 - Input Supply 24V



MU-S1 / MU-S2

Transducer
MU-S1... MU-S2...



Application

Transducer PT100/PT1000 to 0...10V or 4...20mA. Type S1 with output 0...10V and 4...20mA in one device. Type S2 only with one output 0...10V. Snap mounting on hat rail according to DIN 46277 and DIN EN 50022

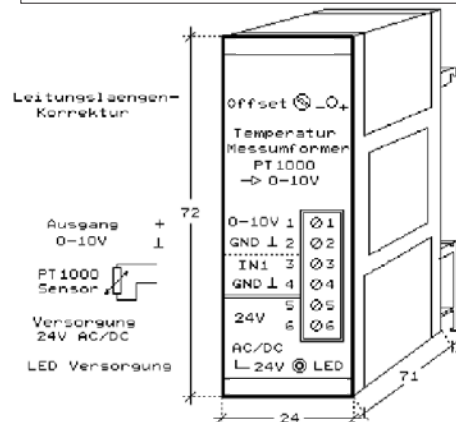
Types available

Model	Type	Method of measurement (output)
MU-S1-PT100	TRA/TRV	active, 4...20mA/0...10V
MU-S1-PT1000	TRA/TRV	active, 4...20mA/0...10V
MU-S2-PT100	TRV	active, 0...10V
MU-S2-PT1000	TRV	active, 0...10V

MU-S2 PT1000

Steckbare Anschlussklemme 6 pol.

- 1 - Output 0...10V
- 2 - Output Gnd
- 3 - Input Pt1000
- 4 - Input Pt1000
- 5 - Input Supply 24V
- 6 - Input Supply 24V



Klemme 2 und 4 sind intern gebrueckt (GND).

Norms und Standards

EMV:	EN50082-2 Interference resistance EN50081-2 Emitted interference
CE-Conformity:	89/336/EWG Electromagnetic compatibility EMV

Technical Data

General:

Measuring range:	TRA1/TRV1:	-50°C...+50°C
	TRA2/TRV2:	-10°C...+120°C
	TRA3/TRV3:	0°C...+50°C
	TRA4/TRV4:	0°C...+160°C
	TRA5/TRV5:	0°C...+300°C

MU-S1-PT100:

Input:	PT100, three-wire
Output:	0..10V, Load max. 20mA und 4...20mA, Load max. 800 Ohm
Accuracy:	typ. +/-0,3% of measuring range
Operating voltage:	24V=/24V-
Power consumption:	typ. 50mA/24V=
Housing:	Polyamid, snap mounting on hat rail according to DIN 46277 and DIN EN 50022
Tmax¹⁾:	<50°C

MU-S1-PT1000:

Input:	PT1000
Output:	0..10V, Load max. 20mA und 4...20mA, Load max. 800 Ohm
Accuracy:	typ. +/-0,3% of measuring range
Operating voltage:	24V=/24V-
Power consumption:	typ. 50mA/24V=
Housing:	Polyamid, snap mounting on hat rail according to DIN 46277 and DIN EN 50022
Tmax¹⁾:	<50°C

MU-S2-PT100:

Input:	PT100, three-wire
Output:	0..10V, Load max. 10mA
Accuracy:	typ. +/-0,5% of measuring range
Operating voltage:	24V=/24V-
Power consumption:	typ. 40mA/24V=
Housing:	Polyamid, snap mounting on hat rail according to DIN 46277 and DIN EN 50022
Tmax¹⁾:	<50°C

MU-S2-PT1000:

Input:	PT1000
Output:	0..10V, Load max. 10mA
Accuracy:	typ. +/-0,5% of measuring range
Operating voltage:	24V=/24V-
Power consumption:	typ. 40mA/24V=
Housing:	Polyamid, snap mounting on hat rail according to DIN 46277 and DIN EN 50022
Tmax¹⁾:	<50°C

¹⁾ Maximum permissible ambient temperature, humidity (without dew permeation) <80%r.f.

Mounting Advice

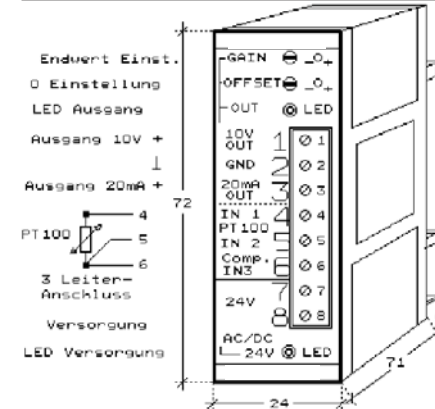
Measuring input and output are not galvanic isolated.
 Please also note the general remarks in our **INFORMATION SHEET THK.**

Terminal Connection Plan / Dimensions (mm)

MU-S1 PT100

Steckbare Anschlussklemme Spol.

- | | |
|---------------------|----------------------|
| 1 - Output 0...10V | 7 - Input Supply 24V |
| 2 - Output Gnd | 8 - Input Supply 24V |
| 3 - Output 4...20mA | |
| 4 - Input Pt100 | |
| 5 - Input Pt100 | |
| 6 - Input Comp. | |



MU-S1 PT1000

Steckbare Anschlussklemme Spol.

- | | |
|-------------------------|----------------------|
| 1 - Output 0...10V | 7 - Input Supply 24V |
| 2 - Output Gnd | 8 - Input Supply 24V |
| 3 - Output 4...20mA | |
| 4 - Input Pt1000 | |
| 5 - Input Pt1000 | |
| 6 - Input Supply PT1000 | |

