



S+S REGELTECHNIK

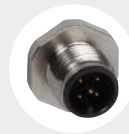
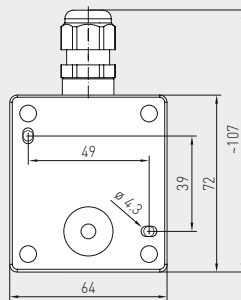
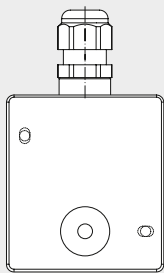
THERMASGARD® TM 43
THERMASGARD® TM 65

Immersion / screw-in / duct temperature measuring transducer,
calibratable, with multi-range switching
and active output

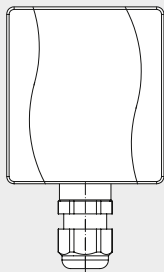
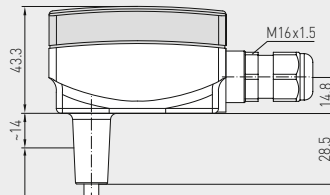
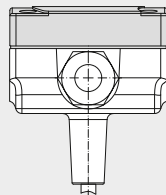
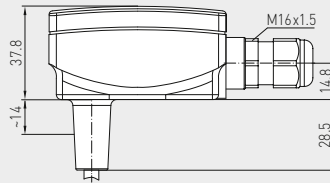
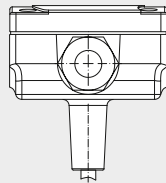


Dimensional drawing

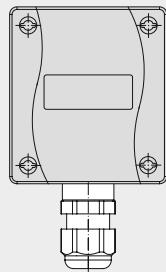
TM 43
TM 65



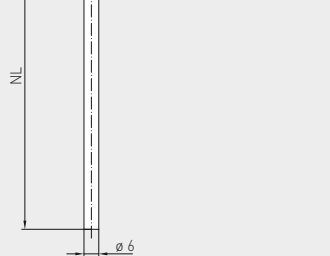
M12 connector
(optional on request)



with snap-on lid



with quick-locking
screws



TM 65
with quick-locking screws
(IP 67)



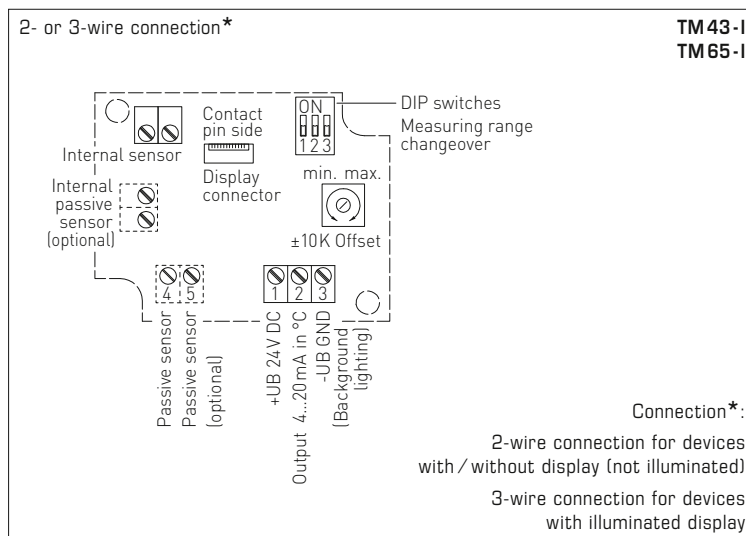
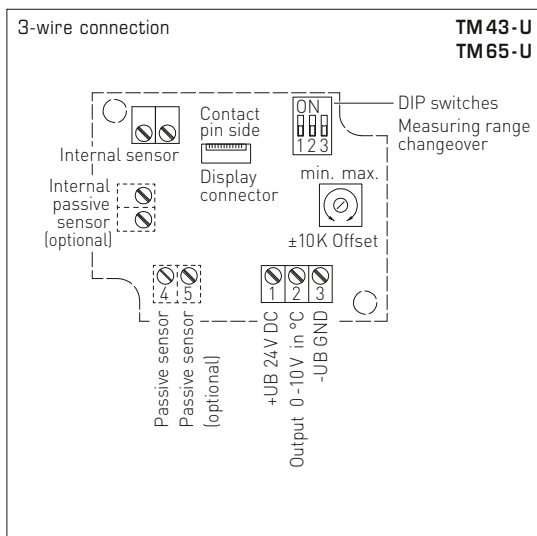
TM 65
with display and
quick-locking screws
(IP 67)



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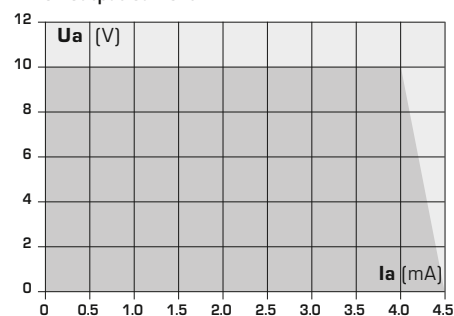


TM 65
Basic device
with accessories



Measuring ranges (adjustable)	DIP 1	DIP 2	DIP 3
-20... +150 °C	ON	ON	ON
-50... +50 °C	OFF	ON	ON
-20... +80 °C	ON	OFF	ON
-30... +60 °C	OFF	OFF	ON
0... +40 °C	ON	ON	OFF
0... +50 °C (default)	OFF	ON	OFF
0... +100 °C	ON	OFF	OFF
0... +150 °C	OFF	OFF	OFF

Dependency of output voltage on output current



TM65
with display and
quick-locking screws
(IP67)



TM65
with quick-locking screws
(IP67)



TM43
with snap-on lid
(IP54)





S+S REGELTECHNIK

THERMASGARD® TM 43
THERMASGARD® TM 65

Immersion / screw-in / duct temperature measuring transducer,
calibratable, with multi-range switching
and active output



THERMASGARD® TM 43 Temperature measuring transducer (basic device with snap-on lid), <i>Standard</i>			
Type / WG01B	Output	Inserted Length (EL)	Item No.
TM 43-I			IP 54, I-variant
TM43-I 50mm	4...20 mA	50 mm	1101-7112-0019-900
TM43-I 100mm	4...20 mA	100 mm	1101-7112-0029-900
TM43-I 150mm	4...20 mA	150 mm	1101-7112-0039-900
TM43-I 200mm	4...20 mA	200 mm	1101-7112-0049-900
TM43-I 250mm	4...20 mA	250 mm	1101-7112-0059-900
TM43-I 300mm	4...20 mA	300 mm	1101-7112-0069-900
TM 43-U			IP 54, U-variant
TM43-U 50mm	0 - 10 V	50 mm	1101-7111-0019-900
TM43-U 100mm	0 - 10 V	100 mm	1101-7111-0029-900
TM43-U 150mm	0 - 10 V	150 mm	1101-7111-0039-900
TM43-U 200mm	0 - 10 V	200 mm	1101-7111-0049-900
TM43-U 250mm	0 - 10 V	250 mm	1101-7111-0059-900
TM43-U 300mm	0 - 10 V	300 mm	1101-7111-0069-900

THERMASGARD® TM 65 Temperature measuring transducer (basic device with quick-locking screws), <i>Premium</i>				
Type / WG01	Output	Inserted Length (EL)	Display	Item No.
TM 65-I				IP 67, I-variant
TM65-I 50mm	4...20 mA	50 mm		1101-7122-0019-900
TM65-I 50mm LCD	4...20 mA	50 mm	■	1101-7122-2019-900
TM65-I 100mm	4...20 mA	100 mm		1101-7122-0029-900
TM65-I 100mm LCD	4...20 mA	100 mm	■	1101-7122-2029-900
TM65-I 150mm	4...20 mA	150 mm		1101-7122-0039-900
TM65-I 150mm LCD	4...20 mA	150 mm	■	1101-7122-2039-900
TM65-I 200mm	4...20 mA	200 mm		1101-7122-0049-900
TM65-I 200mm LCD	4...20 mA	200 mm	■	1101-7122-2049-900
TM65-I 250mm	4...20 mA	250 mm		1101-7122-0059-900
TM65-I 250mm LCD	4...20 mA	250 mm	■	1101-7122-2059-900
TM65-I 300mm	4...20 mA	300 mm		1101-7122-0069-900
TM65-I 300mm LCD	4...20 mA	300 mm	■	1101-7122-2069-900
TM65-I 400mm	4...20 mA	400 mm		1101-7122-0089-900
TM65-I 400mm LCD	4...20 mA	400 mm	■	1101-7122-2089-900
TM 65-U				IP 67, U-variant
TM65-U 50mm	0 - 10 V	50 mm		1101-7121-0019-900
TM65-U 50mm LCD	0 - 10 V	50 mm	■	1101-7121-2019-900
TM65-U 100mm	0 - 10 V	100 mm		1101-7121-0029-900
TM65-U 100mm LCD	0 - 10 V	100 mm	■	1101-7121-2029-900
TM65-U 150mm	0 - 10 V	150 mm		1101-7121-0039-900
TM65-U 150mm LCD	0 - 10 V	150 mm	■	1101-7121-2039-900
TM65-U 200mm	0 - 10 V	200 mm		1101-7121-0049-900
TM65-U 200mm LCD	0 - 10 V	200 mm	■	1101-7121-2049-900
TM65-U 250mm	0 - 10 V	250 mm		1101-7121-0059-900
TM65-U 250mm LCD	0 - 10 V	250 mm	■	1101-7121-2059-900
TM65-U 300mm	0 - 10 V	300 mm		1101-7121-0069-900
TM65-U 300mm LCD	0 - 10 V	300 mm	■	1101-7121-2069-900
TM65-U 400mm	0 - 10 V	400 mm		1101-7121-0089-900
TM65-U 400mm LCD	0 - 10 V	400 mm	■	1101-7121-2089-900
Extra charge:		Other ranges optional Cable connection with M12 connector according to DIN EN 61076-2-101 on request		

High-performance encapsulation against
vibration, mechanical stress and humidity

