



Our company offers a wide range of products that are suitable for indoor applications with high demands on aesthetic design. Such requirements are met by components such as home installation company ABB (eg alpha Exclusive, Solo, Element) LEGRAND (eg Valena, Galea), BTicino (eg Light Tech, Axolute) MOELLER (eg Original, Mysterious) SCHNEIDER ELECTRIC (eg UNICA series, MERTEN) and others.

List of available types:

ABB
LEGRAND
BTicino
SHNEIDER ELECTRIC

EATON (Moeller (Niko))
EFAPEL
GIRA
VIMAR
OBZOR
Jung

Tango, alpha exklusive, Time, Element, Solo, Impuls, Swing, Future linear, Neo Valena, Valena Life, Mosaic, Niloé, Cariva, Céliane
Light, Light Tech, Living, Axolute
Unica Basic, Unica Colors, Unica Top, Unica Quadro, Unica Plus,
Merten Artec, Merten Antique, M-Plan, M-Smart, M-Star
Originál, Intense, Pure
Logus90
System 55, E22
Plana, Idea, Eikon
Elegant, Variant, Decente
A500, AS500, CD500, LS990, Flat

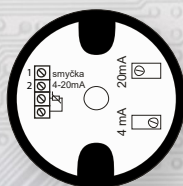
Basic technical parameters

Sensors	Pt1000	
Measurement error	< 0,6 %	
Output signal	4 ÷ 20 mA (sensors NT-I)	0 ÷ 10 V (sensors NT-U)
Power supply U _{cc}	11 ÷ 35 VDC	18 ÷ 30 VDC
Load resistance	R _z < (U _{cc} -11) x 50 [Ω]	R _z > 50 kΩ
Sensing element break	I _z > 24 mA	U _v > 12 V
Sensing element short	I _z < 3 mA	U _v ~ 0 V
Output impedance	100 Ω	
Power consumption	max 5 mA	
Ambient temperature	-30 ÷ 80 °C	
Relative humidity	< 80%	
Terminal board	wire diameter 0,35 ÷ 1,5 mm ²	

Temperature range

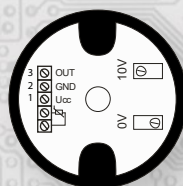
-50 ÷ 50°C
-30 ÷ 60°C
0 ÷ 35°C
0 ÷ 50°C

Wiring diagram for NT-I



1,2: current loop arbitrary polarity

Wiring diagram for NT-U



1: positive pole of the supply source
2: negative pole of the supply source
3: 0 to 10 V output

Dimension:

