

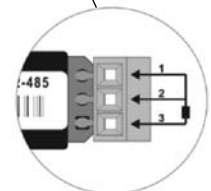
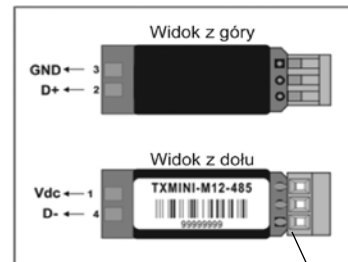
Temperature transmitter TxMini-RS485

Technical description

Characteristic
<ul style="list-style-type: none"> – built-in protection against reverse polarity of the power supply – Digi Config software included – possibility M12 connector soldering (not included) – no galvanic isolation between input and output – configuration via RS485 interface and Digi Config software – default settings according to the table below
Input
– Pt100, 3-wire screw connection
Measuring range
(-200 ÷ 600) °C; min. input range 40 °C
Measuring current Pt100
0,8 mA ($\alpha=0.00385$)
Max. resistance of connecting wires Pt100
25 Ω
Accuracy
– typical 0,1% of range (max. 0,2% of range)
Response time
2 s
Power source
(7 ÷ 40) V DC, power consumption < 10 mA
Operating conditions
<ul style="list-style-type: none"> – temperature: (-40 ÷ 85) °C – humidity: (0 ÷ 90) % RH
Additional functions
<ul style="list-style-type: none"> – M12 connector – FieldChart software

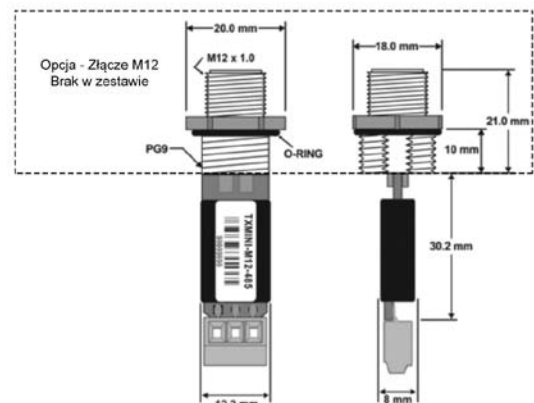


	1	Vdc
	2	D+
	3	GND
	4	D-



Default settings

Parameter	Value
Error value	0
Offset	0 °C
Unit	°C
Digital filter	0
Time setting	60 s
Data transfer	1200
Date frame	8
Odd	Par
Stop bits	1
Adress	247



Ordering example

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