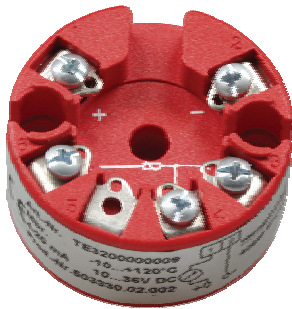


Digital temperature transmitter - Type TE 32 -



- PC-PROGRAMMABLE
- FOR PT100, OHM OR MV-ENTRANCE
- HIGH MEASUREMENT ACCURACY

DESCRIPTION

Electronic measurement and conversion of RTD-input signal in industrial temperature measurement. The temperature transmitter converts the RTD signal into a scalable 4/20 mA output signal.

TECHNICAL DATA

Supply	24 V DC, range 10-28 V DC
Type	2-wire transmitter
load	1000 Ω / 24 V DC
load stability	0,01% FS / 100 W
Linearity	< 0,1%
influence of supply	$\leq \pm 0,01\%/V / 24$
Output	4-20mA or 20-4 mA

Temperature drift	0,01 % / K
calibration temperature	23 °C \pm 5 K
possible zero	< 50% Endwert
run up time	nach DIN / EN
damping	1-60 s
ambient temperature	-40...+70°C
max. moisture	80% rel. humidity
weight	50 g
Ingress Protection	IP68/IP00
CE-Konformity	comply to gen. EMV standards

Pt 100 Input

Pt 100	-200°C...+850°C	min. T-Span: 25°C
Ni 100	-60°C...+260°C	min. T-Span: 25°C
Standard accuracy	0,2°C	
measuring current. Sensor (nomin.)	0,2 mA	
max. load of sensor cable	10 Ω	
influence max	< 0,002% / Ω	

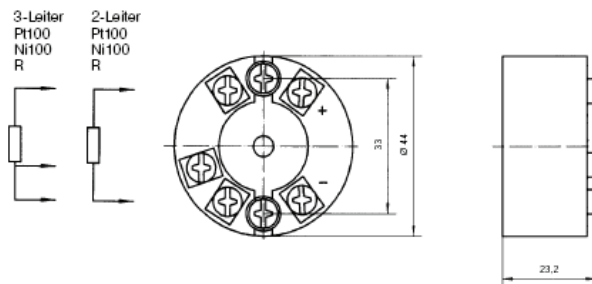
min. Range	30 Ω
max. Range	5000 Ω

Digitale temperature transmitter - Type TE 32 -

Configurable Parameter

Connection type/ sensor, dimension, range, cable resistance compensation, failure signal, output signal, offset

Electrical Connection



ORDER DETAILS

option	
0	standard
galvanic isolation	
0	w/o galvanic Isolation
configuration	
1	with preadjustment Pt100
linearisation	
1	with linearisation
input	
1	input Pt 100 2-wire (please fill in line resistance)
2	input Pt 100 3-wire
output	
1	4 - 20 mA
2	20 - 4 mA
error message	
29	< 3,5 mA (Namur)
39	> 20,8 mA (Namur)
accessories	
programming software / hardware TZ 31	

TE 32	0	0	1	1			
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Our products are constantly in further development, therefore subjects to modifications.

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