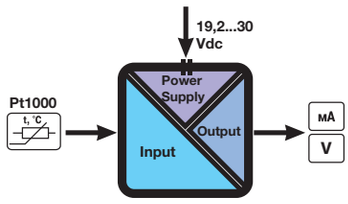


K109PT1000

PT1000 TO DC CURRENT/VOLTAGE ISOLATOR/CONVERTER

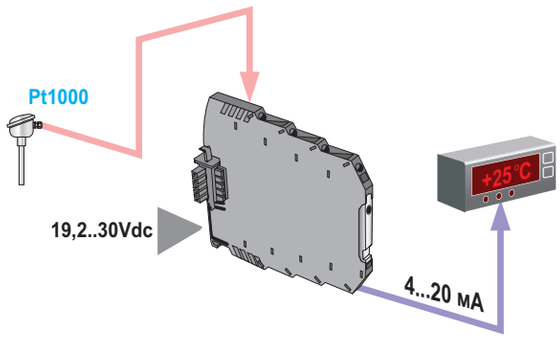


K109PT1000 is a converter for Thermoresistance PT1000 with 2,3,4 wires and provides a mA/V standard output signal. It's completely configurable through dip switches. A 3-way galvanic isolation among Power supply // input // output circuits assures the integrity of your datas.

TECHNICAL SPECIFICATIONS

General Data	
Power supply	19,2..30 Vdc
Power consumption	500 mW
Isolation	1.500 Vac (3 way)
Power transducers	-
Accuracy	0,1%
Response time	200 ms
Status Indicators	Power supply, error, data transmission, data reception, input status
Settings	Dip- switches
Mounting	35 mm DIN rail guide
Protection Degree	IP20
Operating Temperature	-10..+60 °C
Dimension (W x H x D)	17.5 x 100 x 112 mm
Input	
Channel Numbers	1
RTD	Pt1000 Measure 2, 3, 4 wires Range: -200..210 °C Resolution 0,1°C
Output	
Channel Numbers	1
Voltage	4 scales: 0..5, 1..5, 0..10, 10..0 V Min load resistance: 2.000 Ω
Current	2 scales: 0/4..20 mA (active/passive) Max load resistance: 600 Ω
Standard	
Approval	CE
Norms	EN 50081-2; EN 55011; EN 50082-2; EN 61000-2-2/4; EN 50140/141; EN 61010-1

APPLICATION NOTE



ORDER CODES

Code	Description
K109PT1000	PT1000 to DC current/voltage isolator/converter, Power supply 19,2..30 Vdc

ACCESSORIES & SOFTWARE



K-BUS
Backplane for power connection
pg. 114



K-SUPPLY
Redundant power supply module
pg. 114

SIMILAR PRODUCTS



K121
Loop powered universal converter
pg. 102



Z109REG2
Universal converter to DC current/voltage isolator converter with alarm output
pg. 78



T121
loop powered universal transmitter
pg. 117



K120RTD
Pt100, Ni100 loop powered converter
pg. 109

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