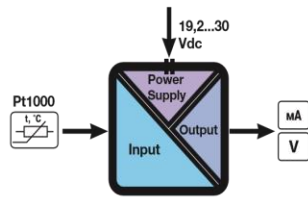




# K109PT

## PT100 TO DC CURRENT/VOLTAGE ISOLATOR/CONVERTER



یک مبدل برای مقاومت حرارتی PT100 با ۲، ۳ و ۴ سیم است و سیگنال خروجی استاندارد mA/V را ارائه می‌دهد. از طریق دیپ سوئیچ‌ها کاملاً قابل تنظیم است. یک جداسازی گالوانیکی سه طرفه در میان مدارهای منبع تغذیه، ورودی و خروجی، یکپارچگی داده‌های شما را تضمین می‌کند.

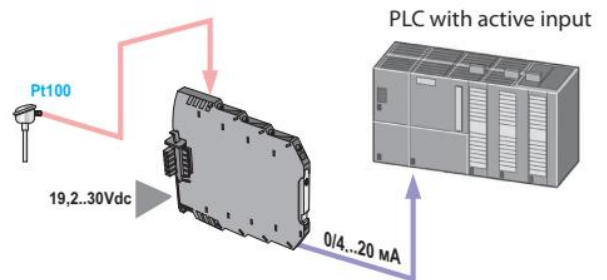
### General Data

مشخصات فنی

Power supply	19,2...30 Vdc
power consumption	500 mW
Isolation	1.500 Vac (3 way)
Transducer Power Supply	-
Accuracy	0,1%
Response time	< 50 ms (without filter) < 200 ms (with repeat filter 50 Hz)
Status Indicators	Setting error, connection malfunction, internal malfunction
Setting	Dip Switches
Mounting	35 mm DIN rail guide
Protection Degree	IP20
Operating Temperature	-20...+65 °C
Dimension (W x H x D)	6.2 x 93.1 x 102.5 mm
<b>Input ورودی</b>	
Channel Numbers	1
RTD	Pt100, Measure 2, 3, 4 wires Range: -150..650 °C Resolution 14 bit
<b>Output خروجی</b>	
Channel Numbers	1
Voltage	4 scales: 0..10, 10..0, 0..5, 1..5 V Min load resistance: 2.000 $\Omega$
Current	2 scales: 0/4..20 mA (active/passive) Max load resistance: 500 $\Omega$
<b>Standard گواهی‌ها</b>	
Approval	CE
Norms	EN 50081-2; EN 55011; EN 50082-2; EN 61000-2-2/4; EN 50140/141; EN 61010-1

### Application Note

مثال کاربردی



### Order Code

کد سفارش

Code	description
K109PT	PT100 to DC current/voltage isolator/converter, Power supply 19,2..30 Vdc

### Accessories & Software لوازم جانبی و نرم‌افزار



K-BUS	K-SUPPLY
Backplane for power connection	Redundant power supply module

### Similar Products

محصولات مشابه



Z109PT2	K109PT-HPC	K120RTD
RTD to DC current/voltage isolator converter	Pt100 (high-precision) to DC current/voltage isolator converter	Pt100, Ni100 loop powered converter

# FACTS & FIGURES



**Main Italian manufacturer of automation interfaces**



**CAGR last 5 years 14%**



**ISO 9001 quality certification since 1997**



**2 synergic business units**



**International product and process certifications**



**Global sales network with about 70 partners**



**150,000 pieces sold on average each year**



**Latest generation Pick&Place 50.000 comp./hour**



**4 product lines >600 article codes**



**Average time for order processing 48h**



**Over 2,500 active customers**



**Multichannel technical support within 48h**



**Automated warehouses with over 90,000 pieces in stock**



**Average MTBF over 1 million hours**



**High-tech headquarters of over 5,000 sqm**



**Customized warranty up to 60 months**