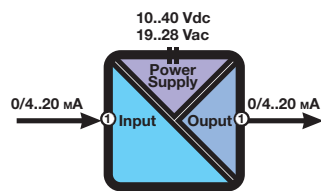




# Z109S

## DC CURRENT ISOLATOR



Z109S is a device that allows to isolate a mA signals. The device can power also all 2-wire sensors and it can be used to solve also power conflicts into the same mA loop. A 3-way galvanic isolation among Power supply // input // output circuits assures the integrity of your datas.

### TECHNICAL SPECIFICATIONS

#### General Data

Power supply	10..40 Vdc / 19..28 Vac / 50-60 Hz
Power consumption	2,5 W
Isolation	1.500 Vac (3 way)
Power transducers	Yes
Accuracy	0,2%
Response time	< 60 ms
Status Indicators	Power supply, error, data transmission, data reception, input status
Setting	-
Mounting	35 mm DIN rail guide
Protection Degree	IP20
Operating Temperature	0..50°C
Dimension (W x H x D)	17.5 x 100 x 112 mm

#### Input

Channel Numbers	1
Current	2 scales: 0/4...20 mA (active/passive) Max load resistance: 600 Ω

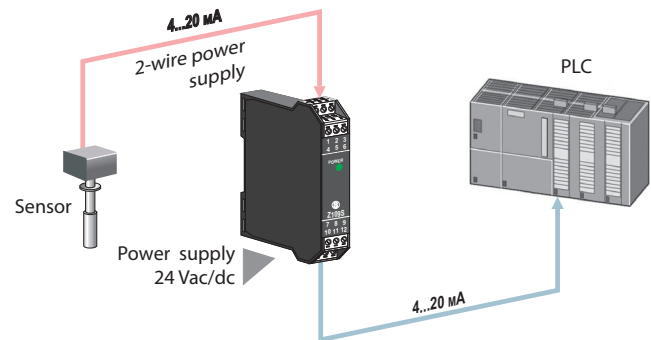
#### Output

Channel Numbers	1
Current	2 scales: 0/4...20 mA (active/passive) Max load resistance: 600 Ω

#### Standard

Approval	CE, UL-CSA
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
Z109S	DC current isolator, Power supply 10..40 Vdc / 19..28 Vac

### SIMILAR PRODUCTS

<b>Z109REG2</b>	<b>Z109UI2</b>	<b>K121</b>	<b>K109S</b>
Universal converter to DC current/voltage isolator converter with alarm output	DC current / voltage to DC current/voltage isolator/converter	Loop powered isolator / universal converter	DC current / voltage to DC current/voltage isolator/converter (with power for 2-wire sensors)
pg. 78	pg. 80	pg. 102	pg. 104