

Z109S-H

Galvanic isolation for current loop, power supply 90..264 Vac

Highlights



- Power supply: 90..264 Vac



- Isolation: 3,500 Vac (power supply / input - output)



- Response time: < 2ms



- Operating temperature: - 25..70°C



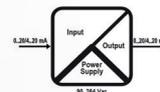
- Input: n.1 active current channel with 2 wires (min 20V dc), 0/4..20 mA



- Output: n.1 current channel, 0/4..20 mA



100% Made & Designed in Italy



3500 Vac
2000 Vac

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TECHNICAL DATA

GENERAL DATA

Power Supply	90..264 Vac; 50-60 Hz
Transducer supply	2-wire active input (min 20 Vdc)
Power consumption	2 W (max)
Isolation	3,00 Vac (power//input-output); 2.500 Vac (input/output)
Protections	Input: 30 V continuous; Output/Power: against impulse surges 400W/ms
Protection degree	IP20
LED status indicators	Power supply
Response time	<2 ms, cut-off frequency (-3dB) 200 Hz
Precision class	0.2%
Thermal Drift	0.02 % fs / °C
Operating temperature	- 25..+70°C
Storage temperature	- 30..+85°C
Humidity	Max 90% non-condensing
Dimension (wxhxd)	17.5 x 100 x 112 mm
Connections	3-way removable screw terminals, pitch 5 mm; cable section 0.25-2.5 mm ² PA6 black color
Case	
Mounting	35 mm DIN rail (IEC/EN 60715)
Weight	100 g
Certifications	CE, UKCA

INPUT DATA

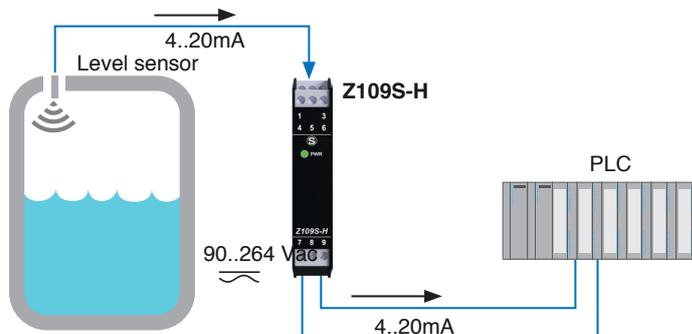
Channels	1
Type	CURRENT 2 scales 0/4..20 mA, loop power supply >22 Vdc, input impedance 50 Ωv

OUTPUT DATA

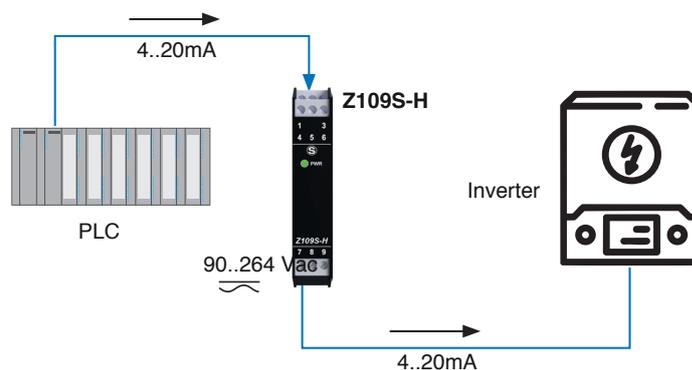
Channels	1
Type	CURRENT 2 scales 0/4..20 mA loop impedance < 600 Ω

CONNECTION DIAGRAMS

Isolator-power supply for 2-wire sensors with direct output to the PLC



Galvanic isolation of PLC signal for inverter driving



ORDER CODES

Code	Description
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