

ANALOGUE SIGNALS PROCESSORS

S109S - GALVANIC SEPARATION FOR 4 - 20 mA CURRENT LOOP

Power supply with galvanic separation for 0-20 mA and 4-20 mA current loops, with insulation voltage of 2000 Vac between the input and output circuits, high linearity and precision.

Powers both the input and output loop at a voltage of 20Vdc, used for insulating measuring circuits between transducers in the field and acquisition instruments in order to prevent interferences.

A signaling LED on the front panel indicate power on.

The self-extinguishing Noryl case is the width of 2 DIN modules and is designed to fit on 35 mm mounting rail (DIN 46277).



TECHNICAL DATA

- Power supply : 115 / 230 Vac +/- 10% 50 / 60 Hz
- Power consumption : 1,5 VA
- Galvanic separation supply // input // output 2000 Vac
- Input : 0 - 20 and 4 - 20 mA
- Input impedance: 100 ohm
- Output : 0 - 20 and 4 - 20 mA (equals to the input)
- Output impedance 0 - 800 ohm
- Stability : +/- 0,01% / °C
- Linearity : +/- 0,25%
- Operating temp. : - 10 / + 60 °C
- Humidity : 90 % a 40 °C (non- condensing)
- Dimensions (b x h x d) : 35 x 95 x 72 mm

ORDERING CODES

Code	Power supply
S109S-1-ST	115 - 230 Vac
Z109S	24 Vdc-ac

For more info please refer to the operating manual