General Description

The K109S instrument is a 4-20 mA converter with 4-way isolation designed for industrial standard voltage or current signals with passive input, active output and auxiliary supply.

Electrical Connections

The use of shielded cables is recommended for the signal wires.

Technical Features

- Input: DC 4.0 mA to 20.5 mA
- Output: DC 16.5 V
- Power supply: DC 24 V

Electrical Connections and Input-Output Limits

The above configuration is valid only with all the DIP switches at position 0. If one switch is moved, it is necessary to set all the other parameters as indicated in the following tables.

Examples of Active Input Connections

Active input extracted from a 4 wire sensor supplied by the Auxiliary Power Supply.

RadLED Indicator

- LED (Red): Meaning
  - Power: Active Input
  - Input: Active Input
  - Output: Active Output

No connection: Meaning
- Flashing: Active Input
- Flashing: Active Output

Disposal of Electrical & Electronic Equipment (Applies throughout the European Union and other European countries with separate collection programs)

This symbol, found on your product or its packaging, indicates that this product should not be treated as household waste when you wish to discontinue use. Instead, it should be handed over to an appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about the recycling of this product, please contact your local authority, your deposit takes care of the waste disposal service, or refer to your purchasing retailer.

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