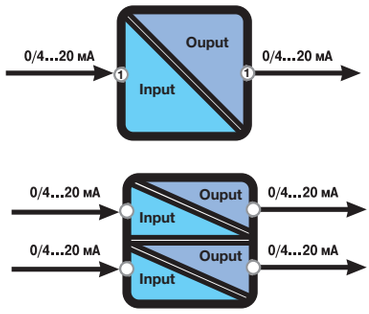



# Z110

## DC CURRENT ISOLATOR (SELF POWERED)

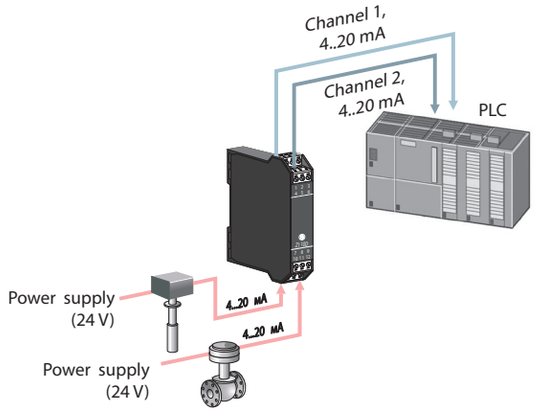



Z110 is a 4..20mA isolator powered through the input loop. It does not require any auxiliary power supply. Z110 is available in two different version: Z110S (single channel) or Z110D (double channel). A 2-way galvanic isolation between input // output circuits assures the integrity of your datas.

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **General Data** | |
| Power supply | From the 4-20 mA input loop |
| Power consumption | - |
| Isolation | 1.500 Vac (2 way) |
| Power transducers | No |
| Accuracy | 0,1% |
| Response time | 100 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 (Z110S), 2 (Z110D) |
| Current | 4..20 mA |
| **Output** | |
| Channel Numbers | 1 (Z110S), 2 (Z110D) |
| Current | 4..20 mA |
| **Standard** | |
| Approval | CE |
| 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 |
|---|---|
| Z110S | DC current isolator - Self powered (single channel) |
| Z110D | DC current isolator - Self powered (double channel) |

## SIMILAR PRODUCTS

| | | |
|---|---|---|
|  |  |  |
| **Z109S** | **Z109UI2** | **Z170REG** |
| Dc current isolator | DC current / voltage to DC current/voltage isolator/ converter | DC current/voltage duplicator/isolator |
| **pg. 81** | **pg. 80** | **pg. 84** |

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