



Z-LINE

Z110S / Z110D

DC Current Isolator (self powered)

Z-LINE

Standard converters



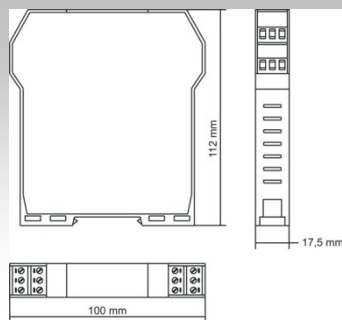
CE

- ▶ INPUT: N.1/2 Ch. Current 4..20mA
- ▶ OUTPUT: N.1/2 Ch. Current 4..20mA
- ▶ Single (Z110S) or double (Z110D) channel version
- ▶ Retransmission of input as an isolated 4 - 20 mA output
- ▶ Channel to channel isolation @ 1,5 KV
- ▶ Power supply: self powered from the input (primary) loop

TECHNICAL DATA

Z110S / Z110D – DC Current Isolator (self powered)

CE



ORDER CODE

Cod. Z110S	DC Current Isolator (single channel)
Cod. Z110D	DC Current Isolator (double channel)

GENERAL FEATURES

Power supply	Self Powered from the input (primary) loop
Channels	N.1 (Z110S) N.2 (Z110D)
Accuracy	0,1%
Response time	< 100 ms
Galvanic Isolation	Input // output at 1500 Vac, digital
Voltage drop	Minimum Volt Drop at 20mA: 7V (all loads up to 160ohm) Maximum Volt Drop at 20mA 3.8V + (Load Resistance)*0.02V
Protections	Input / Output up to 35 Vdc
Humidity	30..90% a +40°C (not condensing)
Design	Terminal housing for mounting on 35 mm DIN 46277

Enclosure	"V0" self-extinguishing glass filled nylon case
Dimensions	17,5 x 100 x 112 mm (w x h x d)
Weight	140 g
Operating temperature	-20..60 °C
Connections	Plug-in screw clamp terminal blocks, wires up to 2.5 mm ²
IP Protection	IP 20
Approvals	EN50081-2 EN50082-2 EN61010-1
Standards	CE

INPUT

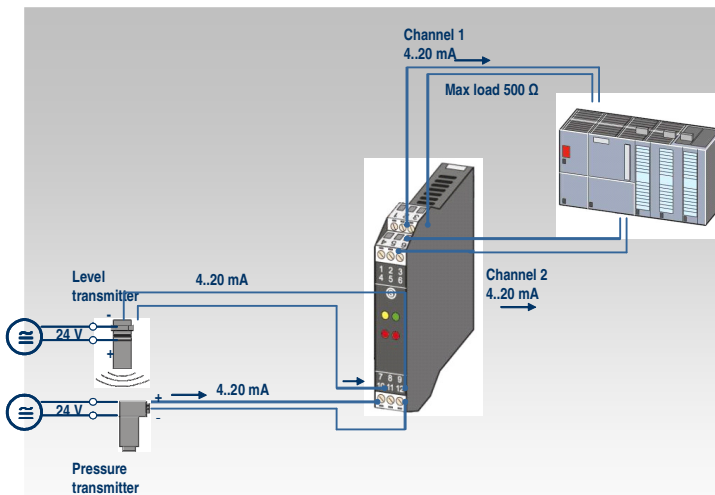
N.1 / 2 Channels
Current: 4..20 mA

OUTPUT

N.1 / 2 Channels
Current: 4..20 mA

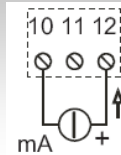
APPLICATION AND INSTALLATION

Application

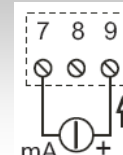


Input

Channel 1

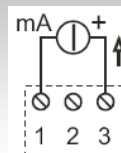


Channel 2



Output

Channel 1



Channel 2

