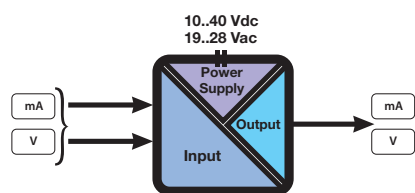




Z190

DC CURRENT/VOLTAGE ADDER/SUBTRACTOR



Z190 allows to make the addition or the subtraction of 2 analog signal (mA or V) and get the equivalent output by an analog signal (mA or V). The two inputs can have also different importance. It disposes of dip switches to set the available input/output ranges. The auxiliary power supply allows also an active or passive connections on the output side. A 3-way galvanic isolation among Power supply // input // output circuits assures the integrity of your datas.

TECHNICAL SPECIFICATIONS

General Data

Power supply	10..40 Vdc / 19..28 Vac / 50-60 Hz
Power consumption	2,5 W
Isolation	1.500 Vac (3 way)
Power transducers	Yes
Accuracy	0,1%
Status Indicators	Power supply
Setting	Dip- switches
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
Voltage	4 scales: 0..1, 0..5, 0..10, 2..10 V Input impedance: > 500 KΩ
Current	2 scales: 0/4..20 mA (active/passive) Input impedance: 100 Ω

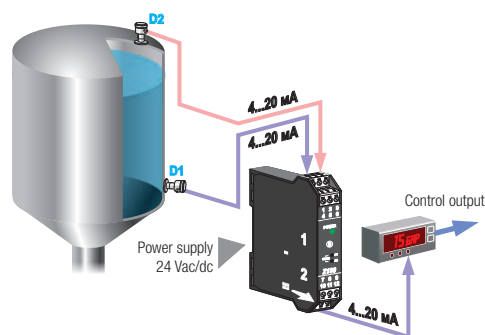
Output

Channel Numbers	1
Voltage	4 scales: 0..1, 0..5, 0..10, 2..10 V Min load resistance: 2.000 Ω
Current	2 scales: 0/4..20 mA (active/passive) Loop impedance: < 600 Ω

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
Z190	DC current/voltage adder/subtractor, Power supply 19..40 Vdc / 19..28 Vac

SIMILAR PRODUCTS



Z170REG

DC universal duplicator/isolator with 2 output
pg. 84