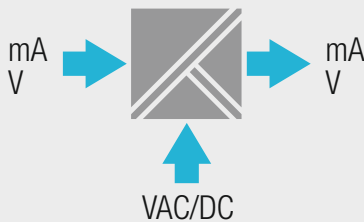


SINEAX TV815

DC signal converter



The purpose of the signal converter SINEAX TV815 is to electrically insulate input and output signals, respectively to amplify and/or change the signal level or type (current or voltage) of the input signals.

FEATURES / BENEFITS

- 3 way insulation (1500 V AC) between power supply, input and output
- Input programmable via DIP-switches for current and voltage
- Output programmable via DIP-switches for current and voltage
- Sensor powered by 2-wire technique (20 V DC stabilised, max 20 mA with short-circuit protection)

TECHNICAL SPECIFICATIONS

General Data	
Power supply	10...40 VDC / 19...28 VAC / 50-60 Hz
Power consumption	max 2.5 W
Isolation	Test voltage 1.5 kV AC rms
Basic accuracy	0.1% (by reference condition)
Resolution	11 bit
Response time	35 ms
Setting	DIP - switches
Mounting	35 mm DIN rail guide
Material	PBT (black)
Protection degree	IP20
Operating temperature	-20...+60°C
Weight	140 g
Dimension (w x h x d)	17.5 x 100 x 112 mm
Input (1x)	
Voltage	-20...20 V, min impedance 1 MΩ
Current	-20...20 mA, max impedance 50 Ω
Output (1x)	
Voltage	0...10 V, min load resistance: 20 kΩ
Current	0...20 mA, max load resistance: 600 Ω
Standard	
Approval	CE
Conformity	EN 61000-4-5 Clas 2; EN 61000-6-2; EN 61000-6-4; EN 61010-1

 **CAMILLE BAUER**

Rely on us.

Camille Bauer Metrawatt AG
Aargauerstrasse 7
CH-5610 Wohlen / Switzerland

Phone: +41 56 618 21 11
Fax: +41 56 618 21 21

info@cbmag.com
www.camillebauer.com

ORDER-CODE

Description	Order-No.
SINEAX TV815 Voltage/current-signal converter	172 677