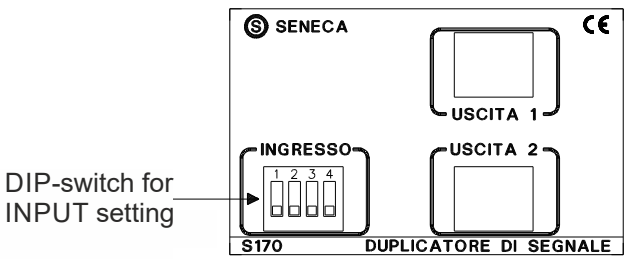
CONVERTER - 2 ANALOG OUTPUTS - GALVANIC INSULATION
S170-1-ST

Reference norms:
EN 61000-6-4 Industrial environment emission norm
EN 61000-6-2 Industrial environment immunity norm
EN 61010-1 Safety

Converter module for signal with 2 analog outputs with 3500 V galvanic insulation between input signal and output signals obtained through linear optocouplers.
The device allows to convert analog input signal in two analog output signals (each output can be set in voltage or current mode).

INPUT SETTING

Input can be setted, with the DIP-switches on the front panel with a series of standard precalibrated signals. See the following table :

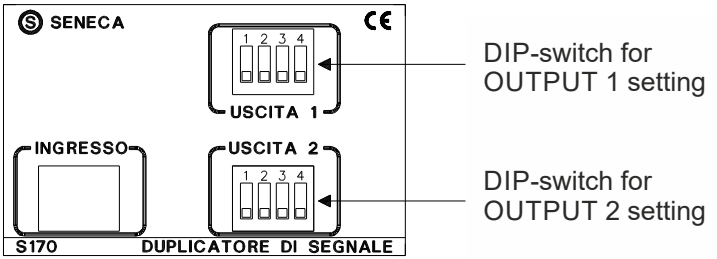


CURRENT 0 - 20 mA	
CURRENT 4 - 20 mA	
VOLTAGE 0 - 2 Vdc	
VOLTAGE 0,4 - 2 Vdc	
VOLTAGE 0 - 5 Vdc	
VOLTAGE 1 - 5 Vdc	
VOLTAGE 0 - 10 Vdc	
VOLTAGE 2 - 10 Vdc	

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OUTPUT SETTING

Outputs can be setted, indipendently with the DIP-switches, on the front panel with a series of precalibrated standard signals. See the following table :



CURRENT 0 - 20 mA	
CURRENT 4 - 20 mA	
VOLTAGE 0 - 2 Vdc	
VOLTAGE 0,4 - 2 Vdc	
VOLTAGE 0 - 5 Vdc	
VOLTAGE 1 - 5 Vdc	
VOLTAGE 0 - 10 Vdc	
VOLTAGE 2 - 10 Vdc	

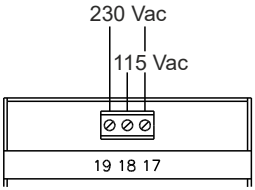
FEATURES:

- Power Supply	:	115 / 230 Vca +/- 10 % 50 / 60 Hz can be chosed
- Consumption	:	1,5 VA
- Input resistance	:	100 ohm in current , 1 Mohm in voltage
- Transmission error	:	< 0,5 %
- Temperature coefficient	:	+ / - 0,005% /C
- Insulation voltage	:	3500 V
- Temperature / Humidity	:	0 - +50C / 90% at 40 °C (not condensing)
- Size / Weight	:	52,5 x 95 x 69 mm / 300 gr. approx

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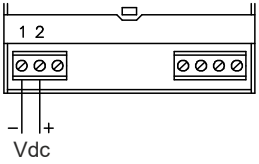
ELECTRICAL CONNECTIONS

POWER SUPPLY

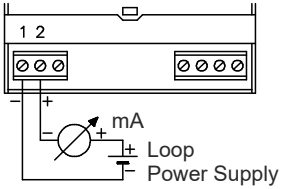


INPUT

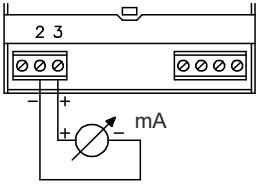
VOLTAGE



CURRENT PASSIVE

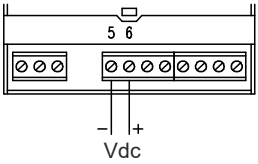


CURRENT ACTIVE

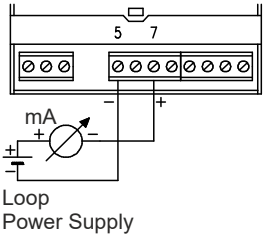


OUTPUT 1

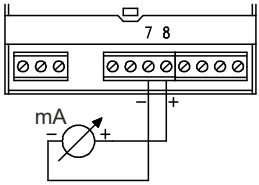
VOLTAGE



CURRENT PASSIVE

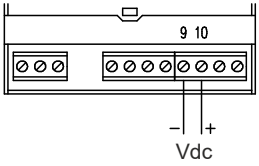


CURRENT ACTIVE

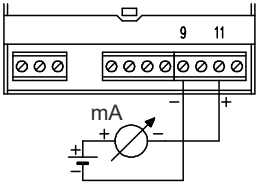


OUTPUT 2

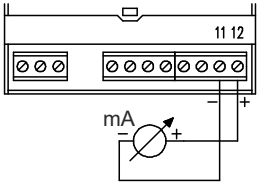
VOLTAGE



CURRENT PASSIVE



CURRENT ACTIVE





Disposal of Electrical & Electronic Equipment (Applicable throughout the European Union and other European countries with separate collection programs)
This symbol, found on your product or on its packaging, indicates that this product should not be treated as household waste when you wish to dispose of it. Instead, it should be handed over to an applicable 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 disposal 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 city office, waste disposal service or thè retail store where you purchased this product..

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