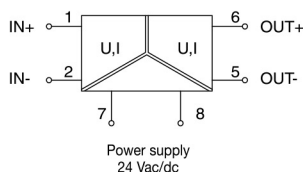


- Input: 14 selectable ranges
- Output: 3 selectable ranges
- Insulation: 1.5 kVac, 3-way isolation




APPLICATIONS

Converts and galvanically isolates the main standardised analogue signals; input programmable with 14 signal ranges and output with the three most used standardised signals. Configuration is obtained by setting the DIP-switches on the side.

This module offers multiple in/out signal combinations, allowing for significant savings in terms of costs.

3-way galvanic separation ensures total isolation between input, output and power supply which, together with automatic signal calibration, ensures excellent precision without the need for calibration.

Where multiple output channels are needed for a single signal source, multiple converters may be used connecting the signal inputs in parallel, in the case of voltage signals, or in series, in the case of current signals.

CODE	X756516
TYPE	CWUAA 6-0516
INPUT TECHNICAL DATA	
Signal type IN	analogue
Input range IN	14 programmable ranges (see tab. 1)
Maximum voltage current signal IN	—
Input impedance IN	330 kΩ [voltage input] / 100 Ω [current input]
Parametrization IN	DIP switch
OUTPUT TECHNICAL DATA	
Signal type OUT	analogue
Output range OUT	0...10 V / 0...20 mA / 4...20 mA
Maximum output signal OUT	21 mA [voltage input]
Load impedance OUT	>1 kΩ [voltage output] / <400 kΩ [current output]
Ripple OUT	<5 mV
Status indication OUT	LED
Parametrization OUT	DIP switch
GENERAL TECHNICAL DATA	
Power supply voltage	24 Vac/dc [16.8...30 Vdc / 19.2...28.8 Vac]
Current consumption	35 mA
Accuracy	0.1% FSR [23°C]
Linearity error	0.02%
Temperature coefficient	<150 ppm / K FSR
Setting time	—
Transmission frequency	30 Hz
Resolution	—
Rise time	10 ms
Operating temperature range	-25...+60°C
Insulation	1.5 kVac / 60 s
Insulation type	3-way [IN / OUT1 / power]
Standard approvals	—
EMC Standards	—
Overvoltage category / Pollution degree	II / 2
Protection degree	IP 20
Connection terminal IN / OUT	2.5 mm ² / 2.5 mm ² (screw)
Housing material	UL94V-0 plastic material
Dimensions	17.5x79x84 mm
Approximate weight	70 g
Mounting informations	on a rail, side by side
APPROVALS	CE 
ACCESSORIES	
Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail (IEC60715/TH35-15)	—
Marking tag	TAP207A_