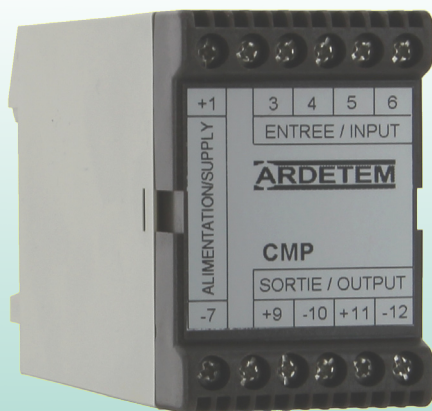


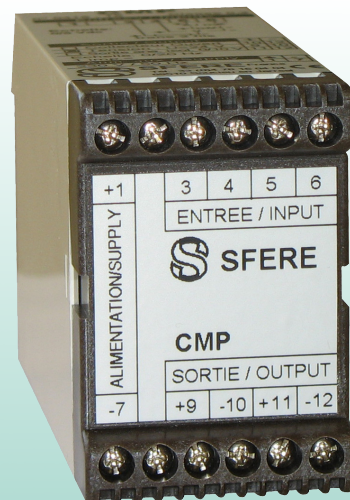
CONVERTER/TRANSMITTER

CMP

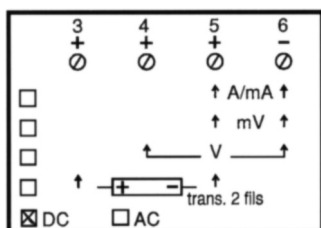
Voltage - DC current input Pulses / frequency outputs



- Galvanic partition 2kV eff.
- Measure range 0...750V
0...50 mA
- Multi-outputs : Frequency/pulses
Analog output: 0/10 V
- Supply for 2-wire sensor
24 V/ 25 mA
- Accuracy rating ≤ 0.2
- Reduced dimensions



Connecting



Calibers	Inputs				Outputs			
	Voltage		Current	Supply	Analog. out	Frequency/pulses		
	mV	V	mA	current loop	0/10V	20V/5mA	5V/5mA	Open collector transistor
Terminals +	5	4	5	3	11	9	9	10
-	6	6	6	5	12	10	10	12

	Power supply	
	115/230 VAC 24/48/110 VDC	
Terminals +	1	
-	7	

Features

Ranges	100 mV	1 V	10 V	100 V	750 V	5 mA	50 mA
Minimum scales	0/10 mV	0/0.1 V	0/1 V	0/10 V	0/100 V	0/0,5 mA	0/5 mA
Maximum scale	0/100 mV	0/1 V	0/10 V	0/100 V	0/750 V	0/5 mA	0/50 mA
Input impedance	100 k Ω	100 k Ω	1 M Ω	1 M Ω	1 M Ω	20 Ω	20 Ω
Permanent overload	25 V	75 V	1000 V	1000 V	1000 V	100 mA	100 mA

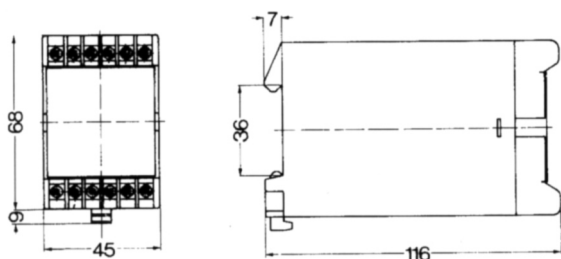
- Selection of the range by removable jumpers and fine settings by multi-turn potentiometers.
- Integrated supply by 2-wire sensor 24 V $\pm$ 20% - 25 mA

Outputs

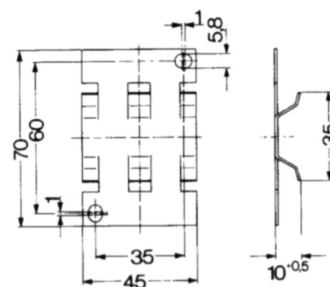
Outputs			Frequency	Pulses
Maximum dynamic			0/10 KHz	0/3600 pulses/hour
Minimum dynamic			0/1 Hz	0/1 pulses/hour
Selections of the ranges by removable jumpers and fine settings by potentiometers				
Output levels	coding	1	Voltage 20 V/ 5 mA	
		2	Voltage 5 V/ 5 mA	
		3	Open collector transistor (24 V/ 100 mA with external supply)	
Duration of the signal		Cyclic ratio 1/2	Cyclic ratio 1/2 or TD = 100 mS	
Transfer		accuracy rating	≤ 0.2	
		response time	≤ 250 mS	
		galvanic partition	all circuits between themselves 2 kV eff. 50 Hz/1 min.	
		ripple	≤ 0.5% (analog output)	
		pass-band	1.5 Hz (-3 db.) (analog output)	
		storage temperature	-30% C/+80%°C	
		operating temperature	-10% C/+60%°C	
		temperature coefficient	≤0.015%/°C	
		supply voltage	115V and 230 V (-10%, +15%) 50/60 Hz	
		power draw	≤ 1.5 VA	
		test voltage	5 kV eff. 50 Hz/1 min.	
General data		weight	280g	
		Housing: VO 150 Noryl cover, 8014 brown / ABS basis, 1015 beige		
		maximum section of the conductors 2X2.5 mm2		
		for DIN rail mounting according to EN 50022 (35 X7.5mm)		
Standards		according to IEC 348		
Options		galvanic partition: 4000 V eff., 50 Hz / 1 min		
		wall mounting with adapting plate		
		power supply: 24/48/110 VDC		
		shifted or reversed scales		
		accuracy: 0.1%		
		analog output: 0/10 with 2 kV eff. galvanic partition		

C housing

Dimensions



Adapting plate for wall mounting



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