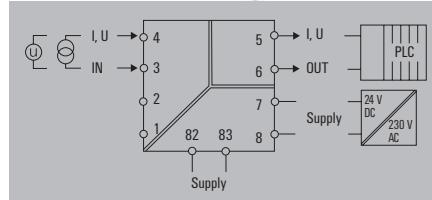
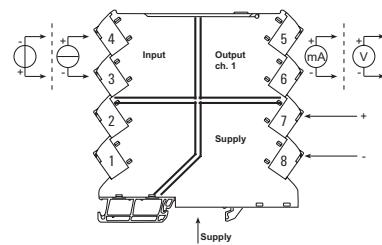


Signal converter

- Isolation and conversion of DC signals
- Configuration via DIP switches
- Power supply via the mounting rail bus
- 3-way isolation
- Support for adjustment by ACT20M Tool software, download link at www.weidmueller.com

ACT20M-AI-AO-E-S



Technical data

Input

Input current
Input voltage
Input resistance, voltage
Voltage drop, current input

Output

Output current
Output voltage
load impedance current
load impedance voltage

General data

Configuration
Supply voltage
Ambient temperature
Accuracy
Temperature coefficient
Cut-off frequency (-3 dB)
Power consumption, typ.
Power consumption, max.
Step response time

Insulation coordination

Insulation voltage
Rated voltage
EMC standards
Pollution degree
Overvoltage category
Approvals

Dimensions

Clamping range (nominal / min. / max.)
Depth x width x height

Note

Ordering data

Screw connection

Screw connection

2.5 / 0.5 / 2.5
114.3 / 6.1 / 112.5

Power supply optionally over the DIN mounting rail CH20M

Note

Accessories

Note

DIN mounting rail, see Accessories

Electrical connections

Terminal	ACT20M-AI-AO-E-S			
	Input		Power supply	Output 1
	V	mA	V	mA
1				
2				
3	■	□		
4	□	■		
5			■	■
6			□	□
7		■		
8		□		

■ = +
□ = -

DIP switch settings

Range	Input		Output							
	1	2	3	4	5	6	7	8	9	10
0 ... 20 mA	□	□	□	□	□	□				
4 ... 20 mA	□	■	□	□	■	□				
0 ... 10 V	■	□	□	■	□	□				
2 ... 10 V	■	■	□	■	■	□				
0 ... 5 V	■	□	■	■	■	□				
1 ... 5 V	■	■	■	■	■	■				

■ = on
□ = off