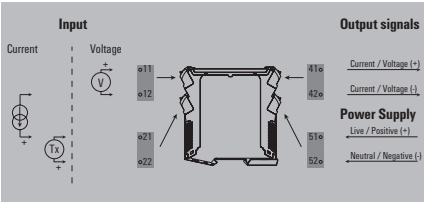


Standard converter

Standard transducer with sensor supply

- Isolation and conversion of DC signals
- 24 V - sensor supply
- Configuration via DIP switch/button
- Supply 12-60 V DC
- 3-way isolation

ACT20P-AI-AO-DC



Technical data

Input	
Input voltage	
Input current	
Input resistance, current	
Input resistance, voltage	
Sensor supply	
Output	
Output voltage	
Output current	
load impedance voltage	
Load impedance current	
Offset voltage	
General data	
Galvanic isolation	
Linearity	
Temperature coefficient	
Configuration	
Step response time	
Voltage supply	
Insulation coordination	
Standards	
EMC standards	
Insulation voltage	
Impulse withstand voltage	
Overvoltage category	

configurable, 0-11 V (min. measurement range 2 V)
configurable, 0-22 mA (min. measurement range 4 mA)
100 Ω
≥ 1 MΩ
24 V DC
Adjustable, 0...11 V, Output range, min, 2 V
Adjustable, 0...22 mA, Output range, min, 4 mA
> 600 Ω @ 10 V
1 kΩ @ 20 mA
≤ 20 mV
3-way isolator, between input / output / supply
<± 0.1 % of signal range, Typ. ± 0.05 % of signal range
<0.05 % / °C
DIP switch, Keys and LED display, with reference voltage/current sources
350 ms
12...60 V DC
IEC 61326-1:2012, UL 61010-1:2012, 3rd Edition
EN 61326-1
2 kV inputs / outputs
4 kV (1.2/50 µs)
III

Dimensions	
Clamping range (nominal / min. / max.)	mm²
Depth / Height / Width	
Note	

Screw connection	PUSH IN
1.5 / 0.5 / 2.5	2.5 / 0.5 / 2.5
113.7 / 119.2 / 12.5 mm	113.7 / 127.1 / 12.5 mm

Ordering data

DC supply voltage	
Screw connection	
PUSH IN connection	
AC supply voltage	
Screw connection	
PUSH IN connection	

Type	Qty.	Order No.
ACT20P-AI-AO-DC-S	1	1477420000
ACT20P-AI-AO-DC-P	1	2456860000
ACT20P-AI-AO-AC-S	1	1545720000
ACT20P-AI-AO-AC-P	1	2495700000

Note

Note

3024800000