

ACT20P
ACT20P-CI-2CO-OLP-S**Similar to illustration****ACT20P: The flexible solution**

- Precise and highly functional signal converters
- Release levers simplify handling

General ordering data

Type	ACT20P-CI-2CO-OLP-S
Order No.	7760054122
Version	Signal distributor, Output current loop powered, Input : 4-20 mA, Output : 2 x 4-20 mA, (loop powered)
GTIN (EAN)	6944 169656620
Qty.	1 pc(s).

**ACT20P
ACT20P-CI-2CO-OLP-S**
Technical data
Dimensions and weights

Width	12.5 mm	Width (inches)	0.492 inch
Height	117.2 mm	Height (inches)	4.614 inch
Depth	114 mm	Depth (inches)	4.488 inch
Weight	131 g	Net weight	105 g

Temperatures

Humidity	5...95 %, no condensation	Ambient temperature	-20 °C...+60 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Number of inputs	1	Sensor	Current source
Input current	4...20mA	Voltage drop, current input	< 3 V

Output

Number of outputs	2	Output current	4...20 mA, loop-powered
Load impedance current	$R_L = (U_B - 12 \text{ V}) / 20 \pm 20 \text{ mA}$, e.g. 600 Ω at 24 V		

General data

Accuracy	< 0.1 % of end value	Configuration	none
Galvanic isolation	3-way isolator	Rail	TS 35
Step response time	$\leq 2 \text{ ms}$	Temperature coefficient	$\leq 100 \text{ ppm/K}$
Voltage supply	via output current loop, min. 12 V DC/ max. 30 V DC		

Insulation coordination

EMC standards	EN 61010-1:2011, UL 61010-1, IEC61000-6-2, IEC 61000-6-4	Galvanic isolation	3-way isolator
Impulse withstand voltage	4 kV (1.2/50 μs)	Insulation voltage	2 kV (Input /Output), 1 min, 50 Hz
Pollution severity	2	Rated voltage	300 V
Surge voltage category	III		

Data for Ex applications (ATEX)

Marking	II 3 G Ex ec IIC T6 Gc
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Connection data

Type of connection	Screw connection	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.6 Nm	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

Data sheet

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Technical data

Classifications

ETIM 6.0	EC002475	ETIM 7.0	EC002475
eClass 9.0	27-21-01-23	eClass 9.1	27-21-01-23
eClass 10.0	27-21-01-23		

Product information

Product information The ACT20P-CI-2CO-OLP-S fixed passive isolator isolates analogue standard current source signals. An analogue input current signal is converted linearly and doubled to provide two galvanically separated output current signals. The device is powered via the output current loop.

Features

- 3-way galvanic isolation between input, output 1 and output 2.

Approvals

Approvals



ROHS Conform

Downloads

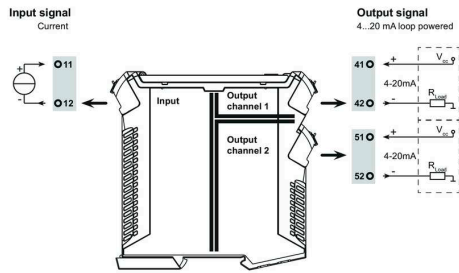
Approval/Certificate/Document of Conformity	ATEX Certification IECEX Certification Declaration of Conformity
Engineering Data	EPLAN
Engineering Data	STEP
User Documentation	Instruction sheet

Data sheet

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Drawings

Connection diagram



Dimensioned drawing

