

## ACT20P ACT20P-CI-2CO-OLP

**Weidmüller Interface GmbH & Co. KG**  
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### Similar to illustration



#### ACT20P: The flexible solution

- Precise and highly functional signal converters
- Simple configuration via display (Pro DCDC II), FDT/DTM software or DIP switch
- Release levers simplify handling
- More space in the control cabinet, from 12.5 mm wide for two channels

#### General ordering data

Type	ACT20P-CI-2CO-OLP
Order No.	<a href="#">7760054122</a>
Version	Signal distributor, Output current loop powered, Input : 4-20 mA, Output : 2 x 4-20 mA
GTIN (EAN)	6944 169656620
Qty.	1 pc(s).

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**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	Operating temperature	
Ambient temperature	-20 °C...+60 °C	Storage temperature	

**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	$R_L = (U_B - 12 \text{ V}) / 20 \text{ mA}$ z.B. 600 Ω at 24 V		

**General data**

Accuracy	< 0.1 % of end value	Configuration	none
Galvanic isolation	2-way isolator	Rail	TS 35
Step response time	≤ 2 ms	Temperature coefficient	≤ 100 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	2-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		

**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 <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	2.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 14

**Data sheet**

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**Classifications**

ETIM 6.0	EC002475	eClass 6.2	27-21-01-07
eClass 9.0	27-21-01-23	eClass 9.1	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	<a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">EPLAN</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Instruction sheet</a>

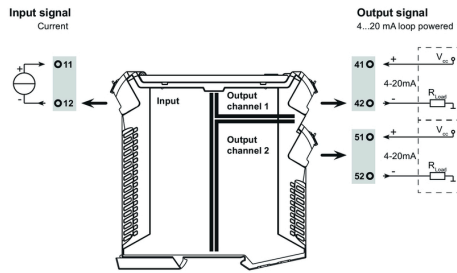
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**Drawings**

**Block diagram**



**Dimensioned drawing**

