

ACT20P-VI3-VO3-S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****ACT20P: The flexible solution**

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

General ordering data

Version	Signal converter/isolator, Input : -10...0...+10 V, Output : -10...0...+10 V
Order No.	7760054131
Type	ACT20P-VI3-VO3-S
GTIN (EAN)	6944169684531
Qty.	1 pc(s).

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Technical data

Dimensions and weights

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

Temperatures

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

REACH SVHC	Lead 7439-92-1
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Input

Input resistance, voltage	≥ 100 kΩ	Input voltage	-10 V...0...+10 V
Number of inputs	1	Sensor	Voltage source

Output

Number of outputs	1	Output voltage, note	-10 V...0...+10 V
load impedance voltage	≥ 2 kΩ		

General data

Accuracy	< 0.1 % of end value	Configuration	none
Current consumption	30 mA	Galvanic isolation	3-way isolator
Step response time	≤ 100 ms	Temperature coefficient	≤ 100 ppm/K
Type of connection	Screw connection	Voltage supply	24 V DC ± 20 %

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 inputs / outputs / power supply
Pollution severity	2	Surge voltage category	III
Test voltage	300 V		

Connection data

Type of connection	Screw connection	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²
Wire cross-section, solid, min.	0.5 mm ²	Wire cross-section, solid, max.	2.5 mm ²

Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ECLASS 9.0	27-21-01-20	ECLASS 9.1	27-21-01-90
ECLASS 10.0	27-21-01-20	ECLASS 11.0	27-21-01-20

ACT20P-VI3-V03-S

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Technical data

Approvals

Approvals



ROHS

Conform

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User Documentation

[Declaration of Conformity](#)
[Instruction sheet](#)

Brochure/Catalogue

[Catalogues in PDF-format](#)

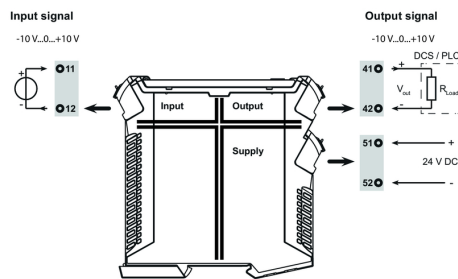
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Drawings

Connection diagram



Dimensioned drawing

