

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

ACT20P-VI3-V03-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
Width	12.5 mm	Width (inches)	0.492 inch
Net weight	105 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-20 °C...60 °C
Humidity at operating temperature	0...95 % (no condensation)	Humidity	5...95 %, no condensation

Probability of failure

SIL in compliance with IEC 61508	None
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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

Load impedance current	≤ 600 Ω	Number of outputs	1
Output voltage, note	-10 V...0...+10 V	Type	active, connected control must be passive
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
Voltage supply	24 V DC ± 20 %		

Insulation coordination

EMC standards	EN 61326-1	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	0.3 kV		

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
ETIM 8.0	EC002653	ETIM 9.0	EC002653
ECLASS 9.0	27-21-01-20	ECLASS 9.1	27-21-01-20
ECLASS 10.0	27-21-01-20	ECLASS 11.0	27-21-01-20
ECLASS 12.0	27-21-01-20	ECLASS 13.0	27-21-01-20

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REACH SVHC	Lead 7439-92-1
SCIP	2f6dd957-421a-46db-a0c2-cf1609156924

Approvals

Approvals



ROHS	Conform
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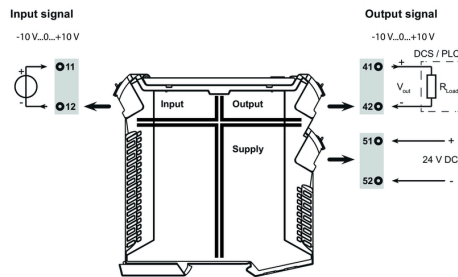
Downloads

Engineering Data	CAD data – STEP
User Documentation	Application notes – Declaration of Conformity Instruction sheet
Catalogues	Catalogues in PDF-format

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Drawings**Connection diagram****Dimensioned drawing**