

**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.	<a href="#">7760054131</a>
Type	ACT20P-VI3-VO3-S
GTIN (EAN)	6944 16968453 1
Qty.	1 Stück

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## Technische Daten

### 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
Protection degree	IP20	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 <sup>2</sup>
Clamping range, min.	0,5 mm <sup>2</sup>	Clamping range, max.	2,5 mm <sup>2</sup>
Wire cross-section, solid, min.	0,5 mm <sup>2</sup>	Wire cross-section, solid, max.	2,5 mm <sup>2</sup>

### 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

## ACT20P-VI3-V03-S

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## Technische Daten

### Environmental Product Compliance

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

### Approvals

Approvals



ROHS	Conform
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### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Application notes – Declaration of Conformity</a> <a href="#">Instruction sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

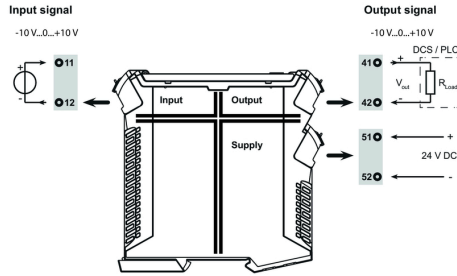
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# Zeichnungen

### Connection diagram



### Dimensioned drawing

