

EPAK-CI-VO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The analogue converters of the EPAK series are characterised by their compact design.

The wide range of functions available with this series of analogue converters make them suitable for applications which do not require international approvals.

Properties:

- Safe isolation, conversion and monitoring of your analogue signals
- Configuration of the input and output parameters directly on the device via DIP switches
- No international approvals
- High interference resistance

General ordering data

Order No.	7760054176
Type	EPAK-CI-VO
GTIN (EAN)	6944 169701474
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	89 mm	Depth (inches)	3.504 inch
Height	100 mm	Height (inches)	3.937 inch
Width	17.5 mm	Width (inches)	0.689 inch
Length	100 mm	Length (inches)	3.937 inch
Net weight	80 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-20 °C...60 °C
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Probability of failure

SIL in compliance with IEC 61508	None
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Input

Input current	4...20 mA	Input resistance, current	≤ 100 Ω
Number of inputs	1		

Output

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

Output (digital)

Max. switching voltage, AC	0 V	Number of digital outputs	0
Rated switching current	0.1 A		

Output (analogue)

Number of analogue outputs	1
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General data

Accuracy	0.15 % v. FSR	Configuration	none
Galvanic isolation	between input / output / supply	Power consumption	<60mA @ 24VDC
Protection degree	IP20	Step response time	≤ 100 ms
Temperature coefficient	≤ 150 ppm/K	Voltage supply	20...30 V DC

Insulation coordination

EMC standards	EN 61326	Galvanic isolation	between input / output / supply
Impulse withstand voltage	3 kV (1.2/50µs)	Insulation voltage	2 kV _{eff}
Pollution severity	2	Rated voltage	300 V AC _{rms}
Surge voltage category	III		

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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 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2 mm ²
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 14

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
ECLASS 14.0	27-21-01-20		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	6a722fc5-2d22-41b4-9544-5b95e45a4b77
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl

Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Instruction sheet
Catalogues	Catalogues in PDF-format

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Drawings

