

EPAK-VM-CO-H**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.	7760054299
Type	EPAK-VM-CO-H
GTIN (EAN)	6944169742378
Qty.	1 pc(s).

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Technical data

Dimensions and weights

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

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-20 °C...60 °C
Humidity	5...85 % rel. humidity, no condensation		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Input frequency	40...60 Hz	Input signal	DC, AC (sine)
Input voltage	U _{N1} : 0...300 V AC, U _{N2} : 0...125 V AC, U _{N3} : 0...300 V DC, U _{N4} : 0...30 V DC		

Output

Load impedance current	≤ 500 Ω	Output current	4...20 mA
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General data

Accuracy	0.5 % FSR	Configuration	DIP switch
Galvanic isolation	between input / output / supply	Power consumption	2.5 W @ 24 V DC
Step response time	< 300 ms	Temperature coefficient	≤ 250 ppm/K of final value
Type of connection	Screw connection	Voltage supply	18...30 V DC

Insulation coordination

EMC standards	IEC 61000-6 /-2, IEC 61000-6-4	Galvanic isolation	between input / output / supply
Impulse withstand voltage	4 kV (1.2 / 50 μs) input - output/ supply, 800 V (1.2 / 50 μs) output - supply	Insulation voltage	500 VAC (1.2 / 50 μs) output - supply
Insulation voltage input or output/supply	2.2 kVAC, 1 min, 50 Hz	Pollution severity	2
Surge voltage category	II	Test voltage	300 V

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

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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

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	STEP
User Documentation	Instruction sheet
Brochure/Catalogue	Catalogues in PDF-format

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Drawings

