

## 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.	<a href="#">7760054299</a>
Type	EPAK-VM-CO-H
GTIN (EAN)	6944 169742378
Qty.	1 Stück

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## Technische Daten

### Dimensions and weights

Depth	89 mm	Depth (inches)	3.504 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
Operating temperature, min.	-20 °C	Operating temperature, max.	60 °C
Humidity	5...85 % rel. humidity, no condensation		

### Input

Input frequency	40...60 Hz	Input voltage	U <sub>N1</sub> : 0...300 V AC, U <sub>N2</sub> : 0...125 V AC, U <sub>N3</sub> : 0...300 V DC, U <sub>N4</sub> : 0...30 V DC
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### Output

Load impedance current	≤ 500 Ω	Output current	4...20 mA
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### Output (analogue)

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

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### Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ETIM 8.0	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	ECLASS 12.0	27-21-01-20

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	6a722fc5-2d22-41b4-9544-5b95e45a4b77

### Approvals

Approvals



ROHS Conform

### Downloads

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

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## Zeichnungen

