EPAK-CI-2CO-EP

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Similar to illustration



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.	7760054309
Type	EPAK-CI-2CO-EP
GTIN (EAN)	6944169747724
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
Net weight	80 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-20 °C...60 °C

Probability of failure

SIL in compliance with IEC 61508	None

Input

Input current	0...20 mA, 4...20 mA	Input resistance, current	≤ 100 Ω
Number of inputs	1		

Output

Load impedance current	≤ 300 Ω	Number of outputs	2
Output current	0...20 mA, 4...20 mA		

Output (digital)

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

Output (analogue)

Number of analogue outputs	2

General data

Accuracy	0.1% FSR	Configuration	none
Galvanic isolation	between input / output / supply	Nominal power consumption	1.7 VA
Power consumption	≤ 1.4 W	Protection degree	IP20
Step response time	≤ 500 ms	Temperature coefficient	≤ 300 ppm/K
Voltage supply	20...35 V DC		

Insulation coordination

EMC standards	IEC 61326-1	Galvanic isolation	between input / output / supply
Impulse withstand voltage	3 kV (1.2/50µs)	Insulation voltage	1.5 kV_{eff}
Pollution severity	2	Rated voltage	300 V
Surge voltage category	II		

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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 mm²
Clamping range, min.	0.5 mm²	Clamping range, max.	2 mm²
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

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

Approvals

Approvals	CE
Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

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



