

EPAK-CI-CO-ILP

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

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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.	7760054179
Type	EPAK-CI-CO-ILP
GTIN (EAN)	6944 16970 1504
Qty.	1 pc(s).

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Technical data

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
Humidity at operating temperature	5...95 %, no condensation		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Input current	4...20 mA (current loop)	Input signal	Current source
Number of inputs	1	Sensor	Sensor with own supply
Voltage drop, current input	< 3 V		

Output

Load impedance current	≤450 Ω	Number of outputs	1
Output current	4...20 mA		

General data

Accuracy	0.15 % v. FSR	Configuration	none
Galvanic isolation	between input/output	Step response time	≤ 100 ms
Temperature coefficient	≤ 150 ppm/K	Type of connection	Screw connection
Voltage supply	Loop powered, via 4...20 mA input		

Insulation coordination

EMC standards	EN 61326	Galvanic isolation	between input/output
Impulse withstand voltage	4 kV (1.2/50 μs)	Insulation voltage	2 kV _{eff}
Pollution severity	2	Rated voltage	300 V AC _{rms}
Surge voltage category	III		

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	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

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Data sheet**EPAK-CI-CO-ILP****Weidmüller Interfaces GmbH & Co. KG**

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Approvals



ROHS

Conform

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Conformity[Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[Instruction sheet](#)

Catalogues

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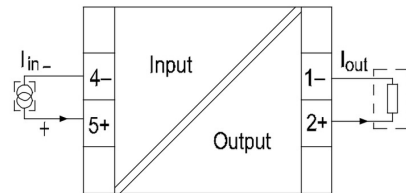
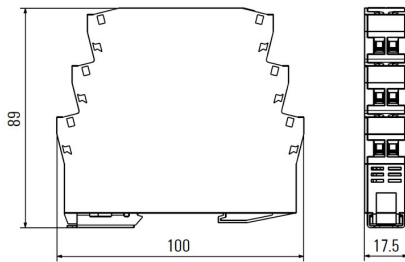
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Drawings



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