EPAK-CI-CO-ILP

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.	7760054179
Type	EPAK-CI-CO-ILP
GTIN (EAN)	6944169701504
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
Humidity at operating temperature	5...95 %, no condensation		

Probability of failure

SIL in compliance with IEC 61508	None

Input

Input current	4...20 mA (current loop)	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		

Output (digital)

Max. switching voltage, AC	0 V	Rated switching current	0.1 A

Output (analogue)

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	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 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

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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

Environmental Product Compliance

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

Approvals

Approvals	CE
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