

EPAK-TCI-CO-S**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.	7760054243
Type	EPAK-TCI-CO-S
GTIN (EAN)	6944 1697 16416
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
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Number of inputs	1	Sensor	Thermocouple (type J, K)
Temperature input range	J: (-90...+900 °C), K: -150...+1372 °C, Range is factory set (Please specify the temperature range with the order)		

Output

Load impedance current	≤ 500 Ω	Number of outputs	1
Output current	0...20 mA, 4...20 mA		

General data

Accuracy	< 0.2% of output range	Configuration	Default settings
Galvanic isolation	between input/output/supply	Power consumption	<60mA @ 24VDC
Step response time	1 s @ temp	Temperature coefficient	≤ 300 ppm/K
Type of connection	Screw connection	Voltage supply	24 V DC ± 20 %

Insulation coordination

EMC standards	EN 61326	Galvanic isolation	between input/output/supply
Impulse withstand voltage	3 kV (1.2/50µs)	Insulation voltage	1 kV input / output / power supply
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

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Classifications

ETIM 6.0	EC002919	ETIM 7.0	EC002919
ECLASS 9.0	27-21-01-29	ECLASS 9.1	27-21-01-29
ECLASS 10.0	27-21-01-29	ECLASS 11.0	27-21-01-29

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	STEP
User Documentation	Instruction sheet

Data sheet

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Drawings

