

**E-pak
EPAK-RTI-CO-S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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

Type	EPAK-RTI-CO-S
Order No.	7760054242
GTIN (EAN)	6944169716409
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	100 mm	Length (inches)	3.937 inch
Width	17.5 mm	Width (inches)	0.689 inch
Depth	89 mm	Depth (inches)	3.504 inch
Net weight	80 g		

Temperatures

Operating temperature, max.	60 °C	Operating temperature, min.	-20 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-20 °C...60 °C	Storage temperature	-40 °C...85 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Number of inputs	1	Sensor	PT100/2-/3-wire
Temperature input range	PT1000: -200°C...850 °C		

Output

Number of outputs	1	Output current	0(4)...20 mA
load impedance current	≤ 500 Ω		

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
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

Classifications

ETIM 6.0	EC002919	eClass 9.0	27-21-01-29
eClass 9.1	27-21-01-29		

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Technical data

Downloads

Approval/Certificate/Document of
Conformity

[Declaration of Conformity](#)

Engineering Data

[STEP](#)

User Documentation

[Instruction sheet](#)

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Drawings

