

## EPAK-RTI-CO-S

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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

Version	Temperature transducer, Input : PT100 , Output : 4-20 mA
Order No.	<a href="#">7760054242</a>
Type	EPAK-RTI-CO-S
GTIN (EAN)	6944 1697 16409
Qty.	1 items

## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Depth	89 mm	Depth (inches)	3.5039 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
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### Probability of failure

MTBF	88 a
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### Environmental Product Compliance

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

### Input

Number inputs	1	Temperature input range	PT100: -200°C...850 °C
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### Output

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

### General data

Accuracy	<0.2% of output range	Protection degree	IP20
Supply voltage	24 V DC ± 20 %	Step response time	1 s @ temp
Power consumption	<60mA @ 24VDC	Temperature coefficient	≤ 300 ppm/K
Configuration	With free software ACT20P TOOL PACK	Operating altitude	≤ 2000 m

### Insulation coordination

Impulse withstand voltage	3 kV (1.2/50µs)	EMC standards	EN 61326
Surge voltage category	III	Pollution severity	2
Galvanic isolation	between input / output / supply	Insulation voltage	1 kV input / output / power supply
Rated voltage	300 V ACrms		

**Technical data****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 <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	2 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 14

**Classifications**

ETIM 8.0	EC002919	ETIM 9.0	EC002919
ETIM 10.0	EC002919	ECLASS 14.0	27-21-01-29
ECLASS 15.0	27-21-01-29		

Drawings

