

## EPAK-TCI-CO-S

Weidmüller Interface GmbH &amp; 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

Version	Temperature transducer, Input : thermocouple , Output : 4-20 mA
Order No.	<a href="#">7760054243</a>
Type	EPAK-TCI-CO-S
GTIN (EAN)	6944 1697 16416
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

### 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 J: (-90...+900 °C), K: -150...+1372 °C, Range is factory set (Please specify the temperature range with the order)

### Output

Number of outputs 1 Load impedance current ≤ 500 Ω  
 Output current 0...20 mA, 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 Factory setting, Please specify measuring range + output value when ordering 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

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## Technical data

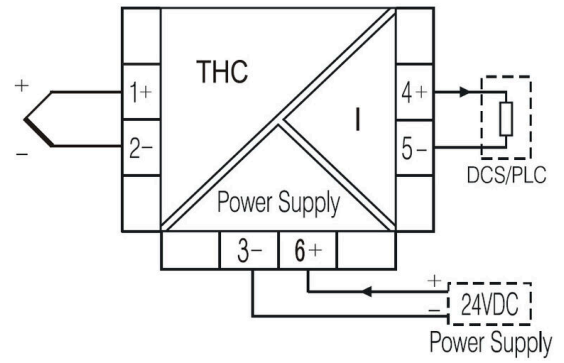
### Connection data

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



## Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
  - Strips for fast installation
  - Terminal markers, suitable for all Weidmüller cable connectors
  - Available as blank MultiCard or with standard printing
- For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

Type	DEK 5/7.5 MC NE WS	Version	
Order No.	<a href="#">1720620000</a>		Dekafix, Terminal marker, 5 x 7.5 mm, Pitch in mm (P): 7.50
GTIN (EAN)	4008190362300		Weidmueller, white
Qty.	320 ST		