

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 164 16
Qty.	1 pc(s).

EPAK-TCI-CO-S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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
---------------------	----------------	-----------------------	----------------

Input

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

Output

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

General data

Accuracy	Configuration	Factory setting, Please specify measuring range + output value when ordering
<0.2% of output range		
Operating altitude	Power consumption	<60mA @ 24VDC
≤ 2000 m	Step response time	1 s @ temp
Protection degree	Voltage supply	24 V DC ± 20 %
IP20		
Temperature coefficient		
≤ 300 ppm/K		

Insulation coordination

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

Connection data

Type of connection	Tightening torque, min.	0.4 Nm
Screw connection	Clamping range, rated connection	2 mm ²
Tightening torque, max.	Clamping range, max.	2 mm ²
0.6 Nm		
Clamping range, min.	Wire connection cross section AWG, max.	AWG 14
0.5 mm ²		
Wire connection cross section AWG, min.		
AWG 30		

EPAK-TCI-CO-S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC002919	ETIM 7.0	EC002919
ETIM 8.0	EC002919	ETIM 9.0	EC002919
ETIM 10.0	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	ECLASS 12.0	27-21-01-29
ECLASS 13.0	27-21-01-29	ECLASS 14.0	27-21-01-29
ECLASS 15.0	27-21-01-29		

Environmental Product Compliance

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

Downloads

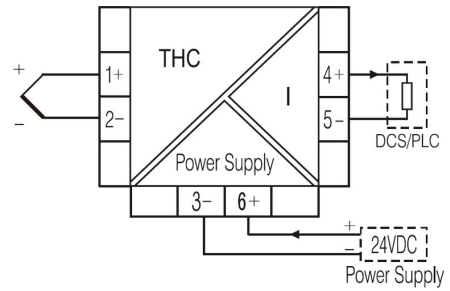
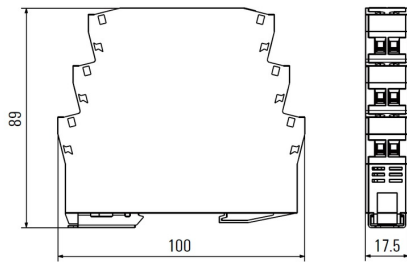
Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Instruction sheet
Catalogues	Catalogues in PDF-format

EPAK-TCI-CO-S

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

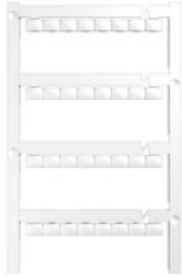


EPAK-TCI-CO-S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****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.	1720620000	Dekafix, Terminal marker, 5 x 7.5 mm, Pitch in mm (P): 7.50
GTIN (EAN)	4008190362300	Weidmueller, white
Qty.	320 pc(s).	