EPAK-CI-2CO

Similar to illustration

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	Signal converter / insulator, Input : 4-20 mA, Output : 2 x 4-20 mA, Supply voltage: 20...35 V DC
Order No.	7760054307
Type	EPAK-CI-2CO
GTIN (EAN)	6944169747731
Qty.	1 items

Technical data

Approvals

Approvals	CE
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
Net weight	80 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-20 °C...60 °C

Probability of failure

SIL in compliance with IEC 61508	None

Environmental Product Compliance

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

Input

Number inputs	1	Input current	0...20 mA, 4...20 mA
Input resistance, current	≤ 100 Ω		

Output

Number of outputs	2	Load impedance current	≤ 300 Ω
Output current	0...20 mA, 4...20 mA		

Output (digital)

Rated switching current	0.1 A	Number of digital outputs	0
Max. switching voltage, AC	0 V	Max. switching voltage, DC	0 V

Output (analogue)

Number analogue outputs	1

General data

Accuracy	0.1% FSR	Protection degree	IP20
Supply voltage	20...35 V DC	Step response time	≤ 500 ms
Power consumption	≤ 60mA, 24V supply @ 20mA output, at current source (active sensor), ≤ 80mA, 24V supply @	Temperature coefficient	≤ 300 ppm/K

EPAK-CI-2CO

Technical data

	20mA output, with 2-wire sensor		
Nominal power consumption	1.7 VA	Configuration	none

Insulation coordination

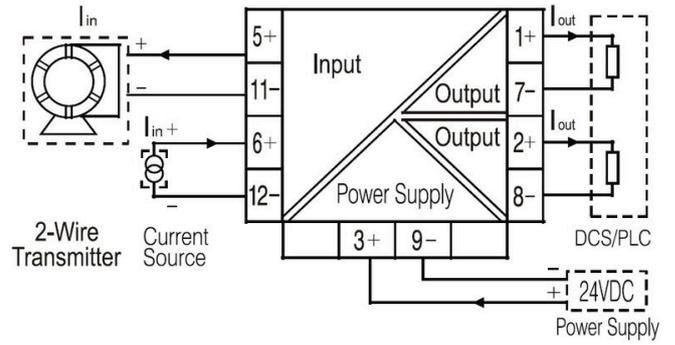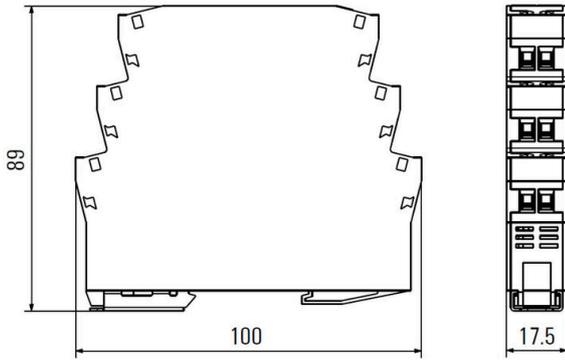|			
Impulse withstand voltage	3 kV (1.2/50µs)	EMC standards	IEC 61326-1
Surge voltage category	II	Pollution severity	2
Galvanic isolation	between input / output / supply	Insulation voltage	1.5 kVeff
Rated voltage	300 V		

Connection data

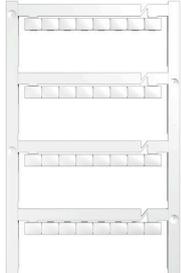|			
Type of connection	Screw connection	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.6 Nm	Clamping range, rated connection	2 mm²
Clamping range, min.	0.5 mm²	Clamping range, max.	2 mm²
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 14

Classifications

ETIM 8.0	EC002653	ETIM 9.0	EC002653
ETIM 10.0	EC002653	ECLASS 14.0	27-21-01-20
ECLASS 15.0	27-21-01-20		

Creation date 27.03.2026 08:05:12 MEZ

EPAK-CI-2CO

Drawings

EPAK-CI-2CO

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 ST		