

PICOPAK-CI-CO-LP-S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****PicoPak: the robust one**

- Space-saving in the control cabinet thanks to the slim 6 mm width
- Passive isolator, loop-powered at the input and output
- Increased operating temperature range: -40°C ...+70°C
- Zero and Span adjustment possible

General ordering data

Version	Passive isolator, Output current loop powered, Input : 4-20 mA, Output : 4-20 mA
Order No.	2517450000
Type	PICOPAK-CI-CO-LP-S
GTIN (EAN)	4050118529975
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	55 mm	Depth (inches)	2.165 inch
Height	79.4 mm	Height (inches)	3.126 inch
Width	6.1 mm	Width (inches)	0.24 inch
Net weight	44 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
Humidity at operating temperature	0...95 % (no condensation)	Humidity	0...95 % (no condensation)

Probability of failure

SIL in compliance with IEC 61508	None
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Input

Input current	4...20 mA @ 6...35 V DC	Number of inputs	1
Sensor	Current source	Voltage drop, current input	≤3,5 V

Output

Cut-off frequency (-3 dB)	≥3,5 kHz	Load impedance current	≤ 600 Ω, @ max 23mA
Number of outputs	1	Output current	4...20 mA, loop-powered
Supply voltage (output)	18...32 V		

General data

Accuracy	<0.1 % of measuring range	Configuration	Potentiometer, Zero / Span
Galvanic isolation	2-way isolator	Power consumption, max.	0.85 W
Power consumption, typ.	0.55 W	Protection degree	IP20
Rail		Standard	EN 61010-1, EN 61326-1, UL 61010-1:2012, 3rd Edition
	TS 35		
Step response time	≤ 5 ms	Temperature coefficient	≤ 200 ppm/K
Voltage supply	Output loop powered		

Insulation coordination

EMC standards	EN 61326-1	Galvanic isolation	2-way isolator
Insulation voltage	3.5 kV	Pollution severity	2
Rated voltage		Standard	EN 61010-1, EN 61326-1, UL 61010-1:2012, 3rd Edition
	300 V AC _{rms}		
Surge voltage category	II		

Connection data

Type of connection	Screw connection	Tightening torque, max.	0.6 Nm
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire cross-section, finely stranded, min. (AWG)	AWG 20	Wire cross-section, finely stranded, max. (AWG)	AWG 12

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Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ETIM 8.0	EC002653	ETIM 9.0	EC002653
ECLASS 9.0	27-21-01-20	ECLASS 9.1	27-21-01-20
ECLASS 10.0	27-21-01-20	ECLASS 11.0	27-21-01-20
ECLASS 12.0	27-21-01-20	ECLASS 13.0	27-21-01-20
ECLASS 14.0	27-21-01-20		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	f814e8b7-24eb-4ad1-8545-4d3e652b59d1

Important note

Product information	The passive Isolator PicoPak-CI-CO-LP separates stand- analogue current signals. An analogue input current signal is converted linear and galvanic isolated into an analogue out- put current signal. The power supply occurs through the input and output measuring circuit. The measuring range can be adjusted if necessary via the potentiometers (Zero and Span) installed on the front.
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Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E141197
Certificate no. (cULusEX)	E223527

Downloads

Approval/Certificate/Document of Conformity	Application notes – UL approval Application notes – UL approval hazardous location Application notes – IECEx approval Application notes – ATEX approval Application notes – Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Instruction sheet
Catalogues	Catalogues in PDF-format

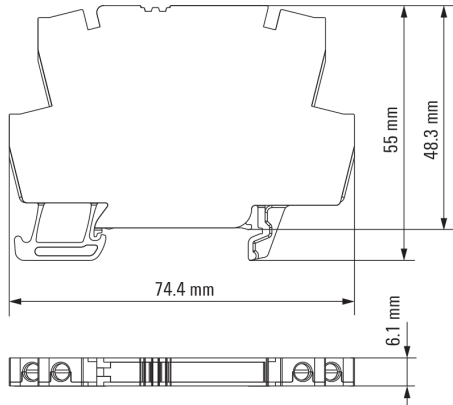
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Drawings

Dimensional drawing



Connection diagram

