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	Signal converter/insulator, 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
Net weight	48 g	Weight	50 g
Width	6.1 mm	Width (inches)	0.24 inch

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...70 °C
Humidity	0...95 % (no condensation)		

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
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
Galvanic isolation	2-way isolator	Long-term drift	≤±0.05% of the measurement range / year
Power consumption, max.	0.85 W	Power consumption, typ.	0.55 W
Rail	TS 35	Standard	EN 61010-1, EN 61326-1, UL 61010-1:2012, 3rd Edition
Step response time	≤ 5 ms	Temperature coefficient	≤ 200 ppm/K
Type of connection	Screw connection	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	300 V AC_{rms}	Standard	EN 61010-1, EN 61326-1, UL 61010-1:2012, 3rd Edition
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 mm²	Wire connection cross section, finely stranded, max.	2.5 mm²
Wire cross-section, finely stranded, min. (AWG)	AWG 20	Wire cross-section, finely stranded, max. (AWG)	AWG 12

Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ECLASS 9.0	27-21-01-20	ECLASS 9.1	27-21-01-90
ECLASS 10.0	27-21-01-20	ECLASS 11.0	27-21-01-20

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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.

Approvals

Approvals	c UL us LISTED FOR HAZ.LOC. C1D2 c US ATEX IEC EX
ROHS	Conform
UL File Number Search	E141197

Downloads

Approval/Certificate/Document of Conformity	UL approval UL approval hazardous location IECEx approval ATEX approval Declaration of Conformity
Engineering Data	STEP
User Documentation	Instruction sheet

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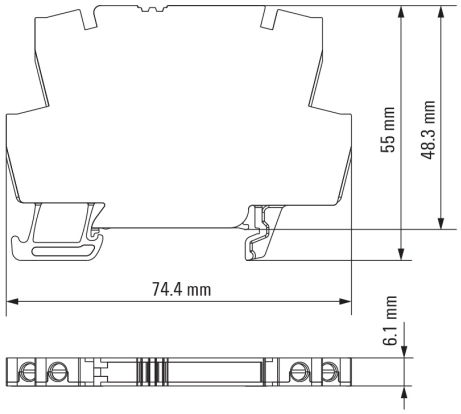
Drawings

Dimensional drawing



Connection diagram