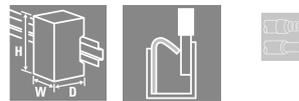


PICOPAK-VI70-RDIV-P

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

www.weidmueller.com



Isolating amplifiers, passive isolators, limit switches and measuring transducers – including temperature transducers – in a terminal-block design.

Ideal for precise signal processing and reliable signal isolation in limited installation space.

- Compact 6 mm design – as flat as a terminal block
- Operating temperature up to -40 °C ... $+70\text{ °C}$ (model-dependent)
- Versions with screw or PUSH IN connection
- Selected models include QR code and status LED for easy identification

General ordering data

Version	Signal converter / insulator, Input : 0...70 V DC, Output : 0-10 V, Supply voltage: No external supply
Order No.	3127370000
Type	PICOPAK-VI70-RDIV-P
GTIN (EAN)	4099987294959
Qty.	10 items

PICOPAK-VI70-RDIV-P

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

www.weidmueller.com

Technical data

Approvals

Approvals



UL File Number Search [UL Website](#)
Certificate no. (cULus) E141197

Dimensions and weights

Depth	62.5 mm	Depth (inches)	2.4606 inch
Height	89.4 mm	Height (inches)	3.5197 inch
Width	6.4 mm	Width (inches)	0.252 inch
Net weight	24 g		

Temperatures

Storage temperature	-40 °C...85 °C	Ambient temperature	-40 °C...70 °C
Operating temperature	-40 °C...70 °C	Humidity at operating temperature	5 - 95% rel. humidity
Humidity	0...90 % (no condensation)		

Probability of failure

SIL in compliance with IEC 61508 None

Input

Resistance	177.5 kΩ	Input measurement range	0...70 V DC
Max. voltage	330 V		

Output

Number of outputs	1	Load impedance current	<600 Ω
Output voltage, note	0...10 V		

General data

Applications	Voltage divider	Accuracy	≤ 1% (basic error @ output full scale) of voltage divider
Protection degree	IP20	Supply voltage	No external supply
Nominal power consumption	1 VA	Configuration	none
Operating altitude	≤ 2000 m		

Insulation coordination

Impulse withstand voltage	2.5 kV	Insulation voltage	1.5 kVeff
---------------------------	--------	--------------------	-----------

Connection data

Type of connection	PUSH IN	Stripping length, rated connection	9 mm
Wire cross-section, solid, min.	0.14 mm ²	Wire cross-section, solid, max.	1.5 mm ²
Wire cross-section, solid, min. (AWG)	AWG 26	Wire cross-section, solid, max. (AWG)	AWG 14
Wire connection cross section, finely stranded, max.	0.14 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.14 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm ²	Blade size	0.6 x 3.5 mm

PICOPAK-VI70-RDIV-P

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

www.weidmueller.com

Technical data**Part description**

Product description The device is a voltage divider that reduces input voltages from hydrogen stacks and battery storage systems to a maximum output of 10 V. The output is connected to an ACT20C-8AI-MRTU-DC-S with an analogue input of maximum 10 V. The device is designed for use in industrial environments.

Classifications

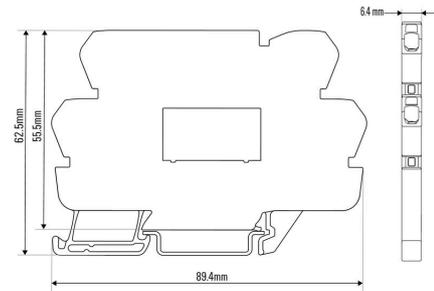
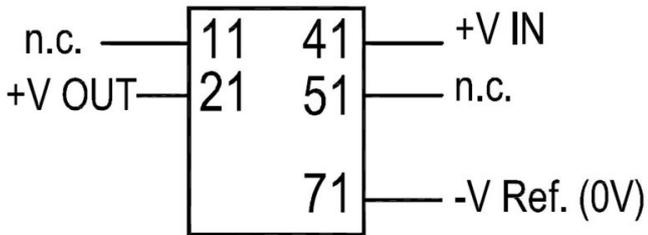
ETIM 8.0	EC002653	ETIM 9.0	EC002653
ETIM 10.0	EC002653	ECLASS 14.0	27-21-01-20
ECLASS 15.0	27-21-01-20		

PICOPAK-VI70-RDIV-P

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

Drawings

www.weidmueller.com



PICOPAK-VI70-RDIV-P

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

www.weidmueller.com

Accessories

Partition plate



Versatile separation plates

Separation plates can be used to group together signals visually, to electrically isolate modules and to insert markings for a better overview. This makes them a particularly versatile accessory. Separation plates increase the clearance and creepage distances between two modules, thus increasing the rated insulation voltage between two modules to up to 600 V. Double separation plates can be marked with WAD5 or WS10/5 markers and enable continuous cross-connections. Installation is made easier with the perforations to individually break out the cross-connection channels.

- Partition plates visually separates groups from each other
- Indentations for individual breaking out the crossconnection channels
- Partition plates isolates between two modules by increasing the clearance and creepage distances of up to 600 V

General ordering data

Type	TXL PP	Version	
Order No.	2774090000	TERMSERIES-compact, Partition plate	
GTIN (EAN)	4064675037866		
Qty.	10 ST		