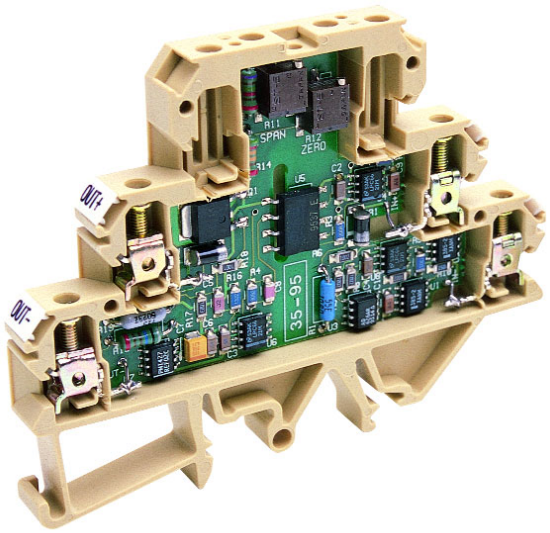
Datasheet

picoPak™ I-I

4-20mA Isolator



The picoPak™ I-I is a very compact isolator for 4-20mA loops. The output is loop powered. The module is perfect for eliminating ground loops and providing increased protection for PLC and DCS analog inputs.

Isolation is optical. This means the output load does not effect the voltage drop across the input (the voltage drop is a near constant at 3.5V).

Features:
- just 8mm wide
- mounts on 32mm and 35mm DIN rails
- 2000V isolation
- user adjustable span and zero adjustments
- CSA, CE and **Class 1 Div 2** approved

United States
Weidmuller Inc.
821 Southlake Blvd.
Richmond, Virginia 23236
Telephone: (800) 849-9343
Facsimile: (804) 379-2593
Email: info@weidmuller.com
Website: www.weidmuller.com

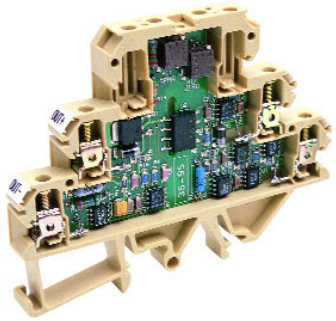
Canada
Weidmuller Ltd.
10 Spy Court
Markham, Ontario L3R 5H6
Telephone: (800) 268-4080
Facsimile: (905) 475-2798
Email: info1@weidmuller.ca
Website: www.weidmuller.ca

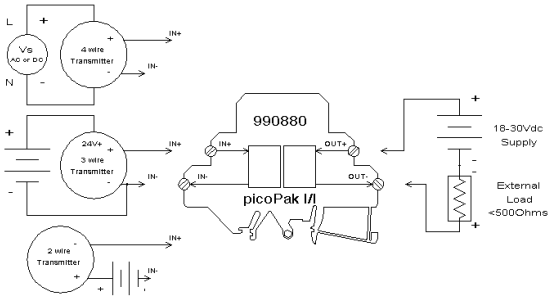
Mexico
Weidmuller, S.A. de C.V.
5 Sur No. 4311
Col. Huexotitla
72534 Puebla, Pue. Mexico
Telephone: (22) 37 2549
Facsimile: (22) 43 1981
Email: weidmull@acnet.net

Weidmüller

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picoPak I-I 4-20mA Isolator





Rated Data	
Input	DC Current
Range	**4-20mA**
Impedance	variable, <3.5Vdc over input range
Maximum ratings / type of protection	50mA
Field device excitation	not applicable
Other input specification	
Output	DC current
Range	**4-20mA**
Load	0-500Ω or Rmax=[(V_S-14)/0.02]Ω
Burnout level	3.6mA for input open, 24mA max. for overcurrent input
Zero adjustment	15% nominal around 4mA for calibration purposes
Span adjustment	15% nominal around 20mA for calibration purposes
Protection	
Other output specification	
Supply	DC voltage in output loop (2 wire)
Range	18-30Vdc, 24Vdc nominal
Consumption	25mA maximum
General	
Accuracy / Linearity	0.1% typical@25°C, 0.8% over temperature range
Temperature coefficient (drift)	
Transmission Frequency	
Response time, 90% span	5mSec., typical
Other general specification	
Status LED	none
Isolation (# of ports)	2000V (2 port)
Operating / Storage temperature	0°C to 50°C / -20°C to 70°C
Housing (mounting)	DK6 (TS32 and TS35)
Dimensions in mm (length x width x height)	88.4 x 9.5 (end plate included) x 78.5 max.
Wire range (conductor size)	22-12AWG (0.5-4.0mm²)
Tightening torque / insulation stripping length	0.4Nm / 7mm
Approvals	**CSA, Class 1 Divison 2, CE, UL**

Ordering Data		Type	Cat.No.
picoPak™		**picoPak™ I-I**	**9908800000**
End plate (width)	Optional	**AP[1] (1.5mm)**	**C9040396**

1) AP included with 9908800000

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