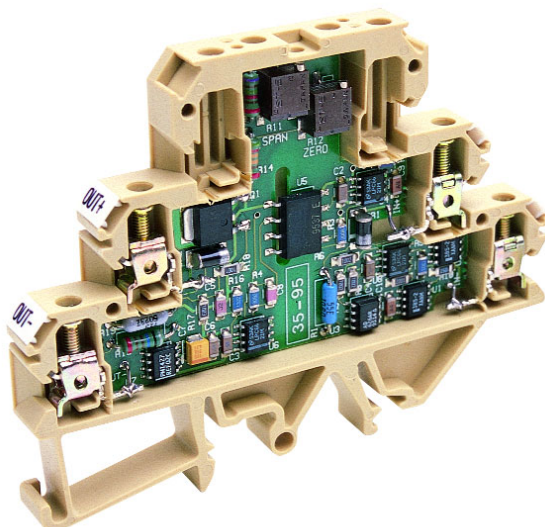


picoPak™ I-I

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

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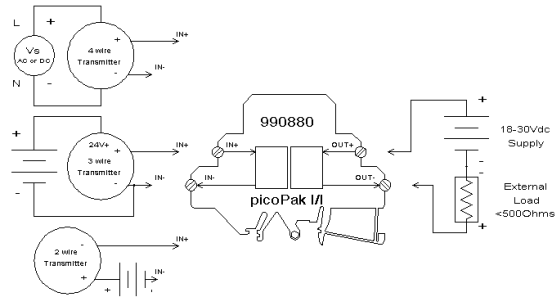
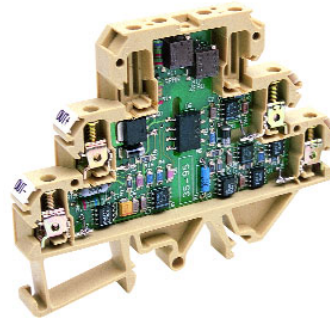
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picoPak I-I 4-20mA Isolator



Rated Data

Input

Range
 Impedance
 Maximum ratings / type of protection
 Field device excitation
 Other input specification

Output

Range
 Load
 Burnout level
 Zero adjustment
 Span adjustment
 Protection
 Other output specification

Supply

Range
 Consumption

General

Accuracy / Linearity
 Temperature coefficient (drift)
 Transmission Frequency
 Response time, 90% span
 Other general specification
 Status LED
 Isolation (# of ports)
 Operating / Storage temperature
 Housing (mounting)
 Dimensions in mm (length x width x height)
 Wire range (conductor size)
 Tightening torque / insulation stripping length
 Approvals

Ordering Data

picoPak™
 End plate (width) Optional

DC Current

4-20mA
 variable, <3.5Vdc over input range
 50mA
 not applicable

DC current

4-20mA
 $0-500\Omega$ or $R_{max}=[(V_S-14)/0.02]\Omega$
 3.6mA for input open, 24mA max. for overcurrent input
 15% nominal around 4mA for calibration purposes
 15% nominal around 20mA for calibration purposes

DC voltage in output loop (2 wire)

18-30Vdc, 24Vdc nominal
 25mA maximum

0.1% typical@25°C, 0.8% over temperature range

5mSec., typical

none
 2000V (2 port)
 0°C to 50°C / -20°C to 70°C
 DK6 (TS32 and TS35)
 88.4 x 9.5 (end plate included) x 78.5 max.
 22-12AWG (0.5-4.0mm²)
 0.4Nm / 7mm

CSA, Class 1 Divison 2, CE

Type	Cat.No.
picoPak™ I-I	9908800000
AP ¹ (1.5mm)	C9040396

1) AP included with 9908800000