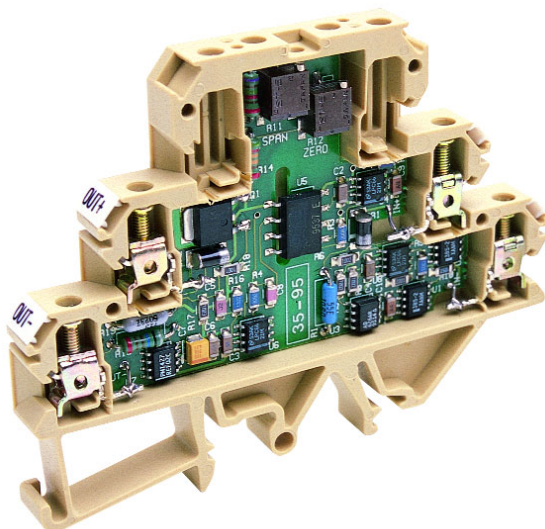


picoPak™ I-I

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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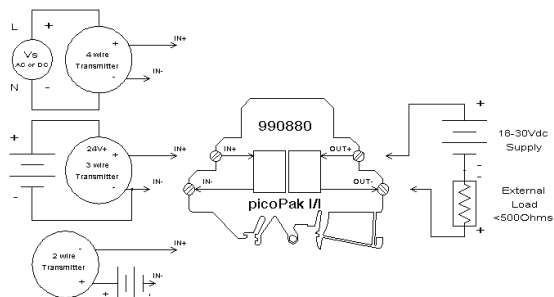
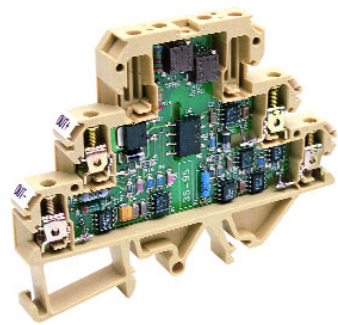
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picoPak I-I 4-20mA Isolator



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
0-500Ω 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