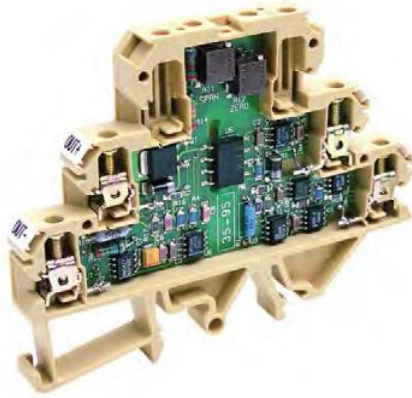


picoPak™ I - I 4-20mA Isolator



The picoPak™ 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:

- Only 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

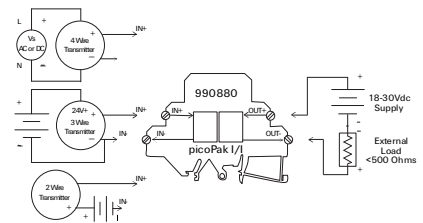
picoPak™ I - I 4-20mA Isolator



Technical 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

DC Current
4-20mA
variable, <3.5Vdc over input range
50mA
not applicable
DC current
4-20mA
0-500M 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 (0.5-4.0mm ²)
0.4Nm / 7mm
CSA, Class 1 Division 2, CE



Ordering Data

picoPak™
Optional End plate (width)
Note:

Type	Part No.
picoPak™ H	9908800000
AP1 (1.5mm)	C9040396
AP included with 990880000	