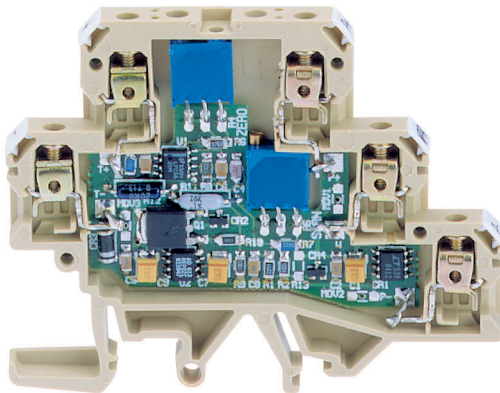


picoPak™ Potentiometer Transmitter



The picoPak™ Potentiometer Transmitter is just 6mm wide and acts as a 2 wire (loop powered) interface for position sensing potentiometers.

Features include:

- mounts on 32mm and 35mm DIN rails
- span and zero adjustments
- open wiper detection
- input compensated for temperature drift

United States

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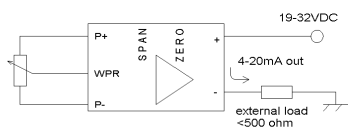
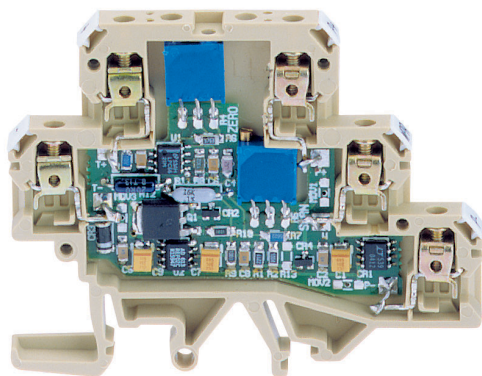
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picoPak Potentiometer Transmitter



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)

3 wire potentiometer (slidewire position sensor)
0 -1000Ω minimum
500kΩ min.

1.2 volts, 1.2 mA max.
noise susceptibility increases with higher impedance potentiometers
DC current
4-20mA (0-100% of input)
0-500Ω or $R_{max}=(V_s-14)/0.02\Omega$
4mA (P+ opened), 20mA (P- opened), 23mA (opened wiper)
minimal, for calibration purposes only
minimal, for calibration purposes only

DC voltage in output loop (2 wire)
19-32Vdc, 24Vdc nominal
23mA typical (open wiper error detection)

1% typical over temperature range

-15°C to 55°C / -20°C to 70°C
DK5 (TS32 and TS35)
78.0 x 6.0 x 60.5
22-12AWG (0.5-4.0mm²)
0.4Nm / 7mm

Type	Cat.No.
DK5/POT-I	990881 0000
AP (1.5mm)	C9039986