

Model 1904 Process Signal Converter

- Designed and manufactured in South Africa.
- 1 year warranty.
- Low cost.
- Choice of input signals.
- Choice of output signals.
- 11-pin plug in.

The model 1904 uses solid state technology and is designed to accept a variety of input signals. These include DC volts, millivolts, milliamps and resistance signals from either 2 or 3-wire potentiometers. These signals can be converted to standard transmission signals such as 4-20mA or 1-5V. Current outputs can be sourced from an on-board unregulated 24V power supply or it can sink from an external power supply. The input and output are not isolated.

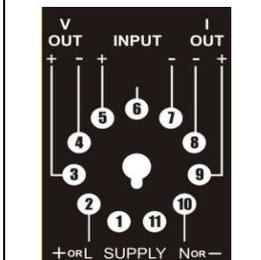


In addition, this signal converter can be used to convert from one transmission signal to another and can also be used for signal expansion.

Designed and manufactured in South Africa. This signal converter is made using high quality components making it very reliable with good accuracy and repeatability.

The converter is housed in a plastic, 11-pin housing for ease of mounting and electrical connections. The front of the box has an LED indicating power on. Access to the zero and span adjustments are also available to allow for calibration adjustment in the field.

Connections



Contact:

D E M Instruments (Pty) Ltd
Tel: 011 792 5868
Cell: 083 722 6204
sales@deminstruments.co.za
www.deminstruments.co.za

SPECIFICATIONS

INPUT SIGNAL OPTIONS	mV DC, 1-5V DC, 2-10V DC, 4-20mA or 0-20mA, 2 or 3-wire potentiometers.
INPUT IMPEDANCE	Dependent on required input.
OUTPUT SIGNAL OPTIONS	0-20mA, 4-20mA, 0-10mA, 1-5V DC, 2-10V DC. Others on request.
POWER SUPPLY OPTIONS	110V 50/60Hz. 230V 50/60 Hz. 24V DC
POWER CONSUMPTION	<3VA
TEMPERATURE LIMITS	-5/+60°C
HUMIDITY LIMITS	0-90% RH non condensing
ACCURACY	0.25% Typical