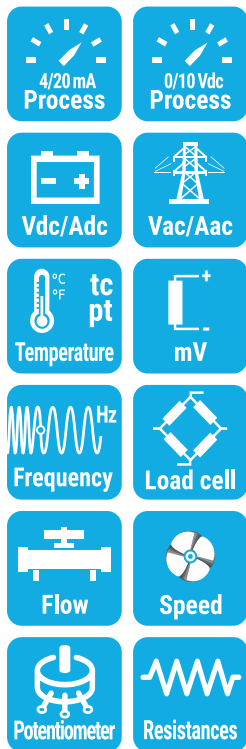


SERIES 14

VERSATILE ISOLATED SIGNAL CONVERTERS



INPUT

Wide range of signals
Configurable input ranges

INSTRUMENT

Universal power supply (18/265 Vac/dc)
Isolated 3 ways
Configurable (front keypad)
Tools (scaling, force, measure, SOS, ...)

OUTPUT

4/20 mA and 0/10 Vdc
Config. ranges (5/8 mA, 1/7 Vdc, ...)
Active and passive outputs

Workable "out of the box" (no special cables or software needed).
Discounts for distributors and integrators in batches of 1, 10 and 100 units.

NOTES:

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AVAILABLE MODELS

I4P PROCESS AND TEMPERATURE



WIDE RANGE OF SIGNALS | CONFIGURABLE INPUT RANGES | CONFIGURABLE OUTPUT RANGES

4/20 mA
0/10 Vdc
Potentiometers
Resistances
Pt100, Pt500, Pt1000
Ntc 44004 ... 44034, free R_{25} and Beta
Thermocouples J, K, N, E, T, R, S, C, B

Excitation voltage provided (+15 V)
Field correction functions
Configurable scaling
Functions: messages, label, measure, force, SOS, ...

I4E ELECTRICAL



WIDE RANGE OF SIGNALS | CONFIGURABLE INPUT RANGES | CONFIGURABLE OUTPUT RANGES

From 0/50 mVac up to 600 Vac
From 0/50 mVdc up to 600 Vdc*
From 0/50 mAac up to 5 Aac
From 0/50 mAdc up to 5 Adc*
Frequencies up to 100 Hz

TrueRMS AC measure
Configurable scaling
Configurable filter 50/60 Hz for maximum immunity
Functions: messages, label, measure, force, SOS, ...

**and bipolar ranges.*

I4F FREQUENCIES / IMPULSES



WIDE RANGE OF SENSORS | CONFIGURABLE SENSOR PARAMETERS | CONFIG. OUTPUT RANGES

NPN, PNP, Namur, pick-up, mechanical, reed, Vac, ...
Ranges from 0/1 Hz up to 1 MHz
Configurable pull resistors, trigger level, gain, ...

Excitation voltage provided (configurable)
Configurable scaling
Functions: messages, label, measure, force, SOS, ...

I4L LOADCELLS AND MILLIVOLTS



WIDE RANGE OF SIGNALS | UNIPOLAR AND BIPOLAR | CONFIGURABLE OUTPUT RANGES

Ranges from 0/5 mV up to 0/80 mV
Bipolar ranges from ± 5 mV up to ± 80 mV
Accessible tare value

Excitation voltage provided (+5 V)
Configurable scaling
Field correction functions
Functions: messages, label, measure, force, SOS, ...

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