Kg

OK





Process Input Panel Meter



- 6 digit LED display
- Process (4-20mA, 0-10V or 1-5V)
- 10 point linearisation
- 20-bit A/D converter
- · Red or green digits
- 24V @ 30mA excitation voltage
- 95-265V AC or 11-30V DC powered
- · New single layer menu for easier setup
- Compatible with existing IL2-P series
- IP65 front panel sealing
- IP67 front panel cover optional
- · User friendly manuals

DESCRIPTION

The IL4-P is the fourth generation lite process meter within our popular 1/8 DIN INTUITIVE panel meter range. It is a budget meter with no outputs. Ideal for general purpose process measurements such as, flow, pressure, level and humidity.

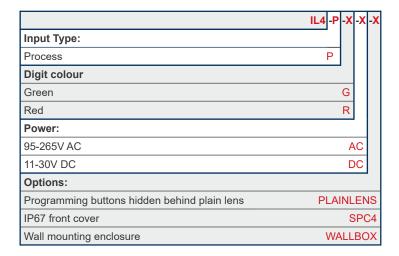
The process readout is provided by a 6 digit 7 segment LED display which is coupled with an ultra-high resolution 20-bit A/D converter to provide your instrumentation with perfect resolution and stability. In addition the easy to use menu navigation allows you to have the indicator set up within minutes.

With backward compatibility with the existing IL2-P series with its same front panel design, dimensions and connections it makes transitioning over to the IL4-P easy.

ORDERING CODES AND OPTIONS

Output

Digit



Ordering Example:

IL4-P-R-AC

IL4-P Process input panel meter

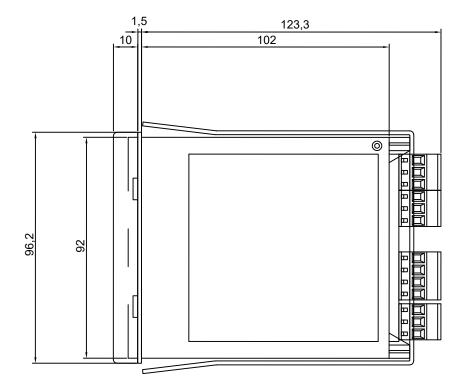
R Red digits

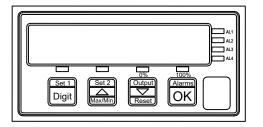
AC 95-265V AC powered SPC4 IP67 front cover

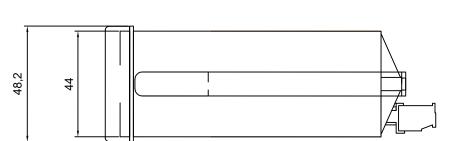


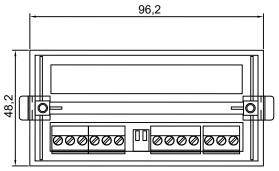
TECHNICAL DATA	
Display	6 digit, 7 segment LED, 14mm high
Display Range	-199999 to +999999
Viewing Distance	7m
Digit Colour	Red (standard), green (optional)
Input Signal	0-10mA, 0-20mA, 4-20mA, 0-5V, 1-5V, 0-10V
Input Resistance	1 Megohm for voltage, 2 Ohms for current
Excitation Voltage	24V @ 30mA
Power Supply	95-265V AC (standard), 11-30V DC (optional)
Power Burden	10VA max
Resolution	1:400,000 max. (bipolar)
Display Update Rate	10 readings per second
Input Connections	6 screw terminals for current and voltage inputs
Accuracy	+/- 0.05% of range
Linearisation	10 points
Filtering	Adjustable from 0 to 25 seconds. Active filter
Last Digit Round-up	Selectable 1, 2, 5, 10, 20 or 50
Front Panel Controls	Tare, reset, max/min
Brightness	Variable, 7 levels
Thermal Stability - Range	+/- 25ppm/°C
Thermal Stability - Offset	+/- 30ppm/°C
Logic Inputs	3 x NPN or contact closure
Logic Functions	Hold, reset, tare, peak/valley, net/gross
Unit of Measure Label	Sheet of labels included
ENVIRONMENTAL	
Front Panel Sealing	IP65 (standard), IP67 with optional SPC4 cover
Storage Temperature	-20 to +70°C, non-condensing
Operating Temperature	0 to 50°C, non-condensing
WEIGHTS AND DIMENSIONS	
Bezel Size	96mm x 48mm
Panel Cutout	92±1mm x 45±1mm
Depth Behind Panel	125mm
Case Width	92mm
Case Height	44mm
Case Depth	134.8mm
Typical Weight	300 grams
Individual Packed Weight	800 grams
Individual Packed Dims.	190mm x 130mm x 65mm
Case Material	Black polycarbonate
Cable Dimensions	Accepts multi strand wires total area from 1mm² to 4mm²
Mounting	Panel (standard), DIN rail mounting (optional), wall mounting enclosure (optional)











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IL4-P_datasheet_rev2







