

## IL4-P

*Process Input Panel Meter*



## KEY FEATURES

- 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

	IL4-P-X-X-X
<b>Input Type:</b>	
Process	P
<b>Digit colour</b>	
Green	G
Red	R
<b>Power:</b>	
95-265V AC	AC
11-30V DC	DC
<b>Options:</b>	
Programming buttons hidden behind plain lens	PLAINLENS
IP67 front cover	SPC4
Wall mounting enclosure	WALLBOX

### Ordering Example:

#### IL4-P-R-AC

<b>IL4-P</b>	Process input panel meter
<b>R</b>	Red digits
<b>AC</b>	95-265V AC powered
<b>SPC4</b>	IP67 front cover

## TECHNICAL DATA

<b>Display</b>	6 digit, 7 segment LED, 14mm high
<b>Display Range</b>	-199999 to +999999
<b>Viewing Distance</b>	7m
<b>Digit Colour</b>	Red (standard), green (optional)
<b>Input Signal</b>	0-10mA, 0-20mA, 4-20mA, 0-5V, 1-5V, 0-10V
<b>Input Resistance</b>	1 Megohm for voltage, 2 Ohms for current
<b>Excitation Voltage</b>	24V @ 30mA
<b>Power Supply</b>	95-265V AC (standard), 11-30V DC (optional)
<b>Power Burden</b>	10VA max
<b>Resolution</b>	1:400,000 max. (bipolar)
<b>Display Update Rate</b>	10 readings per second
<b>Input Connections</b>	6 screw terminals for current and voltage inputs
<b>Accuracy</b>	+/- 0.05% of range
<b>Linearisation</b>	10 points
<b>Filtering</b>	Adjustable from 0 to 25 seconds. Active filter
<b>Last Digit Round-up</b>	Selectable 1, 2, 5, 10, 20 or 50
<b>Front Panel Controls</b>	Tare, reset, max/min
<b>Brightness</b>	Variable, 7 levels
<b>Thermal Stability - Range</b>	+/- 25ppm/°C
<b>Thermal Stability - Offset</b>	+/- 30ppm/°C
<b>Logic Inputs</b>	3 x NPN or contact closure
<b>Logic Functions</b>	Hold, reset, tare, peak/valley, net/gross
<b>Unit of Measure Label</b>	Sheet of labels included

## ENVIRONMENTAL

<b>Front Panel Sealing</b>	IP65 (standard), IP67 with optional SPC4 cover
<b>Storage Temperature</b>	-20 to +70°C, non-condensing
<b>Operating Temperature</b>	0 to 50°C, non-condensing

## WEIGHTS AND DIMENSIONS

<b>Bezel Size</b>	96mm x 48mm
<b>Panel Cutout</b>	92±1mm x 45±1mm
<b>Depth Behind Panel</b>	125mm
<b>Case Width</b>	92mm
<b>Case Height</b>	44mm
<b>Case Depth</b>	134.8mm
<b>Typical Weight</b>	300 grams
<b>Individual Packed Weight</b>	800 grams
<b>Individual Packed Dims.</b>	190mm x 130mm x 65mm
<b>Case Material</b>	Black polycarbonate
<b>Cable Dimensions</b>	Accepts multi strand wires total area from 1mm <sup>2</sup> to 4mm <sup>2</sup>
<b>Mounting</b>	Panel (standard), DIN rail mounting (optional), wall mounting enclosure (optional)

