

**4 Digit Miniature Scaleable Digital Process Indicator****IDL-PICA-P**

Function: IDL-PICA-P is a low cost yet highly flexible and easy to use 1/32 DIN scaleable panel mounting digital process indicator. It is designed for use in instrumentation systems with mA current or DC mV/Voltage inputs. The indicator comes as purely a display. The display can be preset, or adjusted by the user, to display engineering units. The indicators are provided with screw terminals for all connections.



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**SPECIFICATIONS****INPUTS:**

Direct connection 2 wire active loops

**DC Current**

0 to 10mA into 12 ohms  
0 to 20mA into 12 ohms  
4 to 20mA into 12 ohms  
(-19.99 to +19.99mA scaleable)

**DC mV**

0 to 100mV  
(-100 to +100mV scaleable)

**DC Volts**

1 to 5 Volts  
0 to 10 Volts  
(-10 to +10 Volts scaleable)

**Input Impedance**

1M Ohm for Voltage inputs  
100M Ohm for mV input

**Filtering**

Not available on this model

**DISPLAYS:**

**Display**  
4 digit RED LED

**Digit Size**  
10.0mm

**Full Scale Range**  
-1999 to +9999

Scaleable to required engineering unit range

**Decimal Point**  
Programmed from front panel

**Last Digit Round Up**  
Not available on this model

**Front Panel Controls**  
3 programming buttons

**SUPPLY:**

**Power Supply Voltage**  
Standard:  
85 to 265 VAC 50/60 Hz  
(will accept 100 to 300 Volt DC)  
Optional:  
11 to 70 VDC  
(will accept 21 to 53 VAC)

**Power Required**  
1.8 Watts Max

**Excitation**  
Not available on this model

**OUTPUTS:**

There are no relay or analogue outputs available on this model. If required please refer to either the IDL-IJ-P or the IDL-INT-P

**GENERAL:**

**Accuracy**  
+/- 0.1% of range  $\pm$  3 digits

**Thermal Stability Range**  
 $\pm$  100ppm / °C

**Thermal Stability Offset**  
 $\pm$  100ppm / °C

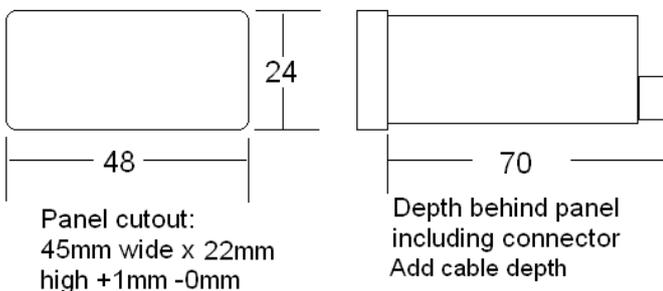
**Operating / Storage Temperature Range**  
-10 to +60°C / -25 to +85°C

**Operating / Storage Humidity Range**  
0 to 95% RH non-condensing

**Mounting**  
Panel mounting

**Protection Level**  
Fascia to IP65 as standard

**Weight**  
50 gms

**MECHANICAL DETAILS****TERMINATION DETAILS****Terminal**

- 1 Input Common -ve
- 2 Input mV +ve
- 3 Input mA +ve
- 4 Input +10/+20V +ve
- 5 Input +200V +ve

	AC	DC
Power Supply	Neutral	/ -ve
Power Supply	Line	/ +ve

**ORDERING DETAILS**

- a) Give Details of Indicator type, i.e. IDL-PICA-P
- b) Give details of power supply, i.e. 85 to 265 Volt AC