



## Eurolec Instrumentation Ltd

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## EUROLEC PRESSURE PROCESS INSTRUMENTS

The C21 range of indicators/alarms are housed in a 1/32 DIN (48x24mm) size panel mounting format with an IP65 rated front panel. All instruments can be powered by a 90 to 264 V AC supply.

### C21 Low Pressure LPMV Range (ref. C21 LPMV)

Panel instrument complete with pressure module & 2m cable as ordered – see LPMV range below.

- High Accuracy 4 digit display
- Fully Integrated System
- 20mBar to 7 BAR versions
- Alarm output relay



- Options include:**
- Bench case;**
  - RS232 output;**
  - 11 to 26V DC Supply**

**Complete with System Calibration Cert. traceable to National Standards**

Model	LPMV1	LPMV2	LPMV3	LPMV4	LPMV5
<b>Range (Differential)</b>	0 – 20 mBar	0 – 100 mBar	0 – 500 mBar	0 – 1000 mBar	0 – 7 Bar
<b>Resolution</b>	0.001	0.01	0.1	0.1	0.001
<b>Accuracy <sup>1</sup></b>	± 0.25% FS ± 1 Digit				
<b>Overpressure</b>	50 mBar	750 mBar	2000 mBar	2000 mBar	10 Bar

<sup>1</sup> Combined linearity & Hysteresis.

Low pressure models suitable only for use with non-ionic liquids and gases.

### C21 Universal HPMA Indicator/Alarm (ref. C21 MA)

Indicator/Alarm for use with HPMA range of pressure transducers – see below.

- 90 – 264 VAC Supply
- 4 Digit display
- 4-20 mA Input
- 12V Sensor Excitation
- Alarm Output Relay



**The C21HPMA can also be used with a wide range of other sensors which feature a 4-20mA output.**

### HPMA Pressure transducers

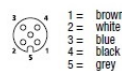
These transducers are manufactured from V2A stainless steel with as standard G1/4" thread, 2M cable and feature ceramic diaphragms compatible with most liquids & gases – these should be used with the C21 Universal HPMA Indicator/Alarm – see above.



Model	HPMA1	HPMA2	HPMA3	HPMA4	HPMA5	HPMA6
<b>Range (Gauge)</b>	0 – 1BAR	0 – 4BAR	0 – 10BAR	0 – 40BAR	0 – 100BAR	0 – 400BAR
<b>Resolution</b>	0.001	0.001	0.001	0.01	0.01	0.1
<b>Accuracy</b>	Linearity ≤ 1% full scale; Hysteresis ≤ 0.3% full scale					
<b>Overpressure</b>	5 BAR	12 BAR	25 BAR	120 BAR	250 BAR	600 BAR

To order options for LPMV & C21HPMA models:	
For 11-26V DC option add	- <b>VDC</b> (Min order qty applies)
For alarm/relay output add	- <b>ARO</b> (Min order qty applies)
For RS232 output add	- <b>RO</b>
For bench option add	- <b>B</b>

M12 Connector  
Pin Assignments



**Applications include:**

- Pneumatic and hydraulic systems
- Chemical industry
- Process engineering
- Maintenance/diagnostics

**E.g. to order a 0-100 mBar panel model with 11-26V DC supply, order code is: LPMV2-VDC**

**Contact the sales department and ask for information on complementary instrumentation from Eurolec.**

**E.g. Portable thermometers (contact and infrared), temperature probes, manometers, and temperature calibration sources. Other parameters include %RH, air velocity, pH, light, sound, rpm. Data logging/portable options available.**

Eurolec Instrumentation Ltd are continuously developing and improving their products and as such the company reserve the right to amend specifications without notice and supply products which differ from those described.