

EUROLEC PRESSURE PROCESS INSTRUMENTS

The C21 range of 4 digit indicators/alarms are housed in a 1/32 DIN 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
- Fully Integrated System
- 10mBar to 7 BAR versions
- Alarm output relay

Supplied complete with System Calibration Cert. traceable to National Standards

Options include: RS232 output; 11 to 26V DC Supply



Model	LPMV1	LPMV2	LPMV3	LPMV4	LPMV5
Range (Differential)	0 – 10 mBar	0 – 100 mBar	0 – 500 mBar	0 – 1000 mBar	0 – 7 Bar
Resolution	0.001	0.01	0.1	0.1	0.001
Accuracy¹	± 0.25% FS ± 1 Digit				
Overpressure	50 mBar	750 mBar	2000 mBar	2000 mBar	10 Bar

¹Combined 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. The C21HPMA can also be used with a wide range of other sensors which feature a 4-20mA output.



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

HPMA Pressure transducers

These transducers are manufactured from V2A stainless steel with G1/4", 1/4 NPT ports, 2M cable and feature ceramic diaphragms compatible with most liquids & gases – these should be used with the C21 high pressure Indicator/Alarm.



Model	HPMA1	HPMA2	HPMA3	HPMA4	HPMA5	HPMA6
Range (Gauge)	0 – 1BAR	0 – 4BAR	0 – 10BAR	0 – 40BAR	0 – 100BAR	0 – 400BAR
Resolution	0.001	0.001	0.001	0.01	0.01	0.1
Accuracy	Linearity < 1% full scale; Hysteresis ≤ 0.3% full scale					
Overpressure	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 - **VDC** (Min order qty applies)
 For alarm/relay output add - **ARO** (Min order qty applies)
 For RS232 output add - **RO**
 For bench option add - **B**

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

Applications include:

Food Industry/HACCP
 Laboratory/Chemical/Pharmaceutical
 Engineering
 Environmental
 HVAC
 Maintenance/diagnostics

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

E.g. Portable thermometers (contact and infrared), manometers, temperature calibration sources and multimeter temperature/pressure probes. Other parameters include %RH, air velocity, pH, light, sound, rpm.

Data logging/portable options available.