**OEM Automatic Ltd**
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

# CAL MAXVU

MV-160M-RRR-C21U0
Temp. Controller 1/16 DIN, 3 x Relay O/P, RS485, 240V ac




- High visibility 18mm display digits
- Quick setup menu
- Universal input
- Up to 3 outputs - relay or SSR
- Temperature/process controller

## PRODUCT DESCRIPTION

MAXVU has been designed to offer essential temperature control in a device that's easy to install, fast to program and with improved display visibility.

MAXVU provides an affordable solution for applications where primary temperature control functions such as heat only or heat/cool are needed, it offers a universal input and up to 3 outputs with a choice of either relay or SSR.

Typical applications include packaging processes such as sealers and many more.

At a glance

- **1/8 DIN (96 x 48mm) and 1/16 DIN (48 x 48mm)**
- **Universal input**
- **Up to 3 outputs**
- **RS485 communications option**
- **Fast configuration**
- **Large clear display**

## TECHNICAL DATA

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|---|---|
| **Alarms** | High/Low, Deviation, Band |
| **Approvals** | CE, CSA, EMC, UL |
| **Calibration** | ±0.25% of full range ±1 LSD |
| **Communication** | RS485 Modbus RTU |
| **Control mode** | PID or on/off |
| **Digit size** | 18 mm upper / 10.2 mm lower |
| **Digital signal in** | No |
| **Frequency** | 50-60 Hz |
| **Galvanic isolation** | Between supply and input/output |
| **Indication** | Red LED |
| **Input** | J, K, C, R, S, T, B, L, N thermocouple, PT100, Linear 4-20 mA, 0-10 V |
| **IP class** | IP65 |
| **Logic output** | >10 V DC @ 20 mA |
| **Material protection** | Polycarbonate |
| **Moisture resistance** | 20% - 95% Rh, non condensing |
| **Mounting** | Panel mount |
| **Number of digits** | 4 |
| **Operating voltage ac max** | 240 V |
| **Operating voltage ac min** | 100 V |
| **Output** | 3x Relay |
| **Panel size** | 48x48 mm |
| **Power consumption** | 7.5 VA |

| | |
|---|---|
| **Relay function** | SPST |
| **Relay output** | 2 A, 250 V AC, resistive load |
| **Sampling** | 4 times / second |
| **Storage temperature max** | 80 °C |
| **Storage temperature min** | -20 °C |
| **Supply voltage** | 110-240 V AC |
| **Temperature operational max** | 55 °C |
| **Temperature operational min** | 0 °C |
| **Weight** | 80 g |



















