

PRODUCT DATASHEET

VMC100

INTELLIGENT OUTPUT MODULE (PLATE MOUNT)

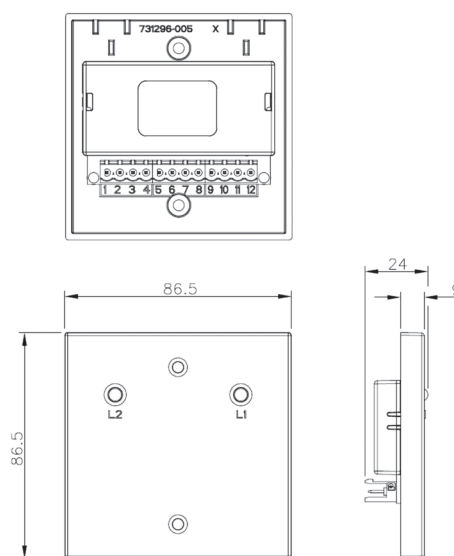
The Argus module range provides an ideal solution to the monitoring and control requirements of most fire detection and alarm systems, ranging from small and simple, to large and complex. By utilising the Argus fully digital communication protocol, reliable and fast operation is achieved even when employing the impressive 240 device loop capacity. A choice of mechanical configurations provides easy integration of the units into a variety of field locations. The VMC100 is mounted on a standard faceplate and can be used with a surface back box or flush mounted and provides the capability to remotely control a single ancillary circuit using external power, whilst supervising the output wiring for fault conditions. Bi-colour LEDs provide local indication of device status.



KEY FEATURES

- Employs the highly reliable Argus digital protocol
- 3rd party approval to EN54-17 and EN54-18
- Integrated short circuit isolators to protect and maintain operation
- Loop powered with very low current consumption
- Robust proven design offering operation over a wide temperature range
- Single monitored output circuit plus provision for external power input switching
- Alternate mechanical variants available to satisfy different applications
- Bi-colour LEDs show local status
- Fast fit plug-in cable connections
- Fits to single gang (deep) back box
- 5 year product warranty

TECHNICAL INFORMATION



TECHNICAL SPECIFICATION

- | | |
|----------------------------------|----------------------------------|
| ■ Loop voltage range | 15Vdc – 40Vdc* |
| ■ Normal Standby Current | 200µA @ 24Vdc |
| ■ Alarm Current (1 red LED) | 6mA @ 24Vdc |
| ■ Dimensions | 86.5 x 86.5 x 24mm (ex-back box) |
| ■ Max output rating | 2A @ 30VDC |
| ■ Temperature Range (no icing) | -10°C to +55°C |
| ■ Max. humidity (non condensing) | 95% RH |
| ■ Weight | 200g |

*Note: Min 18VDC for operation of LED.

STANDARDS & APPROVALS

- BS EN54-17: Short Circuit Isolators
- BS EN54-18: Input/Output Devices



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