

# DM3010R-IP

## 3000 Series intelligent addressable manual call point, weatherproof

### General

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The DM3000 Series is an intelligent range of addressable manual call points. The DM3010R-IP is a weatherproof, red, single action MCP with a House-on-Fire functional indication. It is delivered complete with resettable element, test connector and test key. Multiple optional accessories are available to facilitate most in- and outdoor installation requirements.

### Aesthetics

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This weatherproof single action MCP is a standard profile MCP suitable for surface mount installations. It is supplied with a colour matched weatherproof back box. With its designer dual, tricolour LEDs it offers 180°, clear local indication of its operational status, even from a side view. The clean face of the MCP is further enhanced by a front access & test key facility.

### Installation & maintenance friendly

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The front facing access for an aesthetically matching test key allows unhindered access regardless of the installation location. The MCP key doubles as a test and disassembly tool allowing removal of the MCP front cover without the need for additional tools.

### Compatibility

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The DM3000 range may be used on compatible Aritech fire systems. They can in many cases be deployed into existing systems without CIE configuration changes.



### Details

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- Reliable single action manual call point for surface mounting
- Dual, tri-colour status indicators offers 180° alarm visibility
- Tamper resistant design with resettable or frangible element
- Unobtrusive front facing test facility
- Standard mounting options facilitates easy retrofitting to existing installations
- Back box with rear, top and bottom cable entry
- Screen connection terminal in the back box for electrically noisy installations
- Pluggable connector with link through facility for ease of installation and pre-commissioning testing
- An alarm flag on the face of the manual call point allows alarm indication even without alarm LEDs
- Fast, no-tools-required maintenance using the test key
- Up to 128 devices supported per loop

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### Technical specifications

#### General

Status indication	Dual LEDs, Alarm (red constant), Isolated (yellow constant), Fault (yellow blinking), Communication (green blinking)
User interface	LEDs, Alarm Flag
Compatibility	Aritech fire systems
Connectivity	2-wire loop
Addressing method	DIP Switches

#### Electrical

Power supply type	Loop powered
Operating voltage	17 to 38 VDC
Current consumption	180 $\mu$ A (Quiescent) 2.8 mA (Alarm)
Cable specification	0.404 to 2.05 mm
No. of cable cores	2
Terminals	4 (A+/A-;B+/B-)

#### Detection

Detection principle	Push button/switch
Monitoring	Activated, Fault, Off
Response time	< 3 s
Installation height	Determined by local regulation

#### Physical

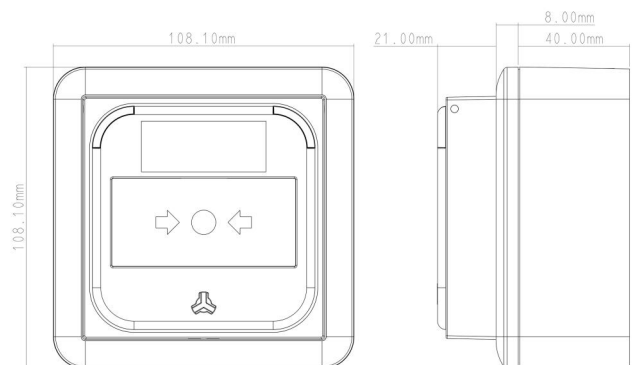
Physical dimensions	108 x 108 x 69 mm
Net weight	267 g (w/ back box)
Colour	Red (RAL 3028)
Mounting type	Wall mount
Cable entries	3 x threaded MK20
Material (body)	Flame retardent ABS
Functional marking	House on Fire

#### Environmental

Vandal proof	No
Operating temperature	-25 to +72°C
Storage temperature	-25 to +72°C
Relative humidity	10 to 95% noncondensing
Environment	Indoor, Indoor / Outdoor, Outdoor
IP rating	IP67

#### Regulatory

Compliance	CE, REACH, RoHS 3, WEEE
Certification	CPR
Certification marks	APPLUS
Standards	EN54:11



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