



Certificate of Conformity

Certificate num.	Registration date	Version	Issue date	Valid until	Page 1 of 10
afp - 2320	7-May-2009	Number 29	21-Apr-2026	30-Apr-2027	

Product designation

Vigilant, Model MX1, fire alarm system

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Johnson Controls Fire Detection Products
Level 3, 37 Dalmore Drive, Caribbean Park, SCORESBY, VIC, AUSTRALIA, 3179

Registrant

Johnson Controls Fire Detection Products
Level 3, 37 Dalmore Drive, Caribbean Park, SCORESBY, VIC, AUSTRALIA, 3179

Producer

Johnson Controls Fire Detection Products
Level 3, 37 Dalmore Drive, Caribbean Park, SCORESBY, VIC, AUSTRALIA, 3179

Conformance criteria and evaluation

The Vigilant, Model MX1, fire alarm system has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 7240.2:2018, 'Fire detection and alarm systems - Part 2: Fire detection control and indicating equipment (ISO 7240-2:2017, MOD)'.
2. Australian Standard AS 7240.4:2018, 'Fire detection and alarm systems - Part 4: Power supply equipment (ISO 7240-4:2017, MOD)'.
3. Australian Standard AS 4428.3:2020, 'Fire detection, warning, control and intercom systems - Control and indicating equipment Part 3: Fire brigade panel'.
4. Australian Standard AS 1670.1:2018, Amdt 1, Section 7, 'Fire detection, warning, control and intercom systems - System design, installation and commissioning Part 1: Fire'.
5. Australian Standard AS 7240.13-2006, 'Fire detection and alarm systems - Part 13: Compatibility assessment of system components'.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

Kai Loh

Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	Page 2 of 10
afp - 2320	7-May-2009	Number 29	Issue date 21-Apr-2026	

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. All parts of the CIE must be mounted in a single enclosure.
- ii. The PSE must be mounted in the same enclosure as the CIE.
- iii. Where the analogue addressable loop covers more than one zone or performs more than one function it shall be fitted with short circuit isolators as required by Clause 4.17.2 of AS 7240.2.
- iv. Connections to the fan control equipment is provided by compatible I/O module on the MX1 addressable loop.
- v. The CIE is fitted with the labels as described in evaluation for conformity report CSBA0108/R1b to meet the Marking requirements the Standards.
- vi. The standardised input/output interface is limited to communication within the CIE enclosure.
- vii. The CIE is installed and maintained as recommended by the manufacturer.
- viii. Compatibility of this equipment with new or existing actuating devices should be verified prior to installation.
- ix. Networking between systems via the Ethernet ports of the MOXA switches is performed using CAT 6 shielded twisted pair (STP) cables.

Producer's description

The Vigilant, Model MX1, fire alarm system is control and indicating equipment (FDCIE) that forms the central part of a fire detection and alarm system using Tyco MX analogue addressable detectors.

Up to 250 MX devices (detectors and addressable modules) can be connected to the inbuilt analogue addressable loop. Up to seven additional analogue addressable loops each containing up to 250 MX devices can be added to the system by fitting additional MX loop cards.

The analogue addressable loops on this equipment use the Tyco MX DIGITAL communication protocol including software algorithms to evaluate analogue values returned from detectors.

The Vigilant, Model MX1, fire alarm system is supplied in a sheet metal cabinet incorporating a protective door. With the door in the secured position, a window permits viewing of the indications required at Access Level 1. Opening of the door, using a 003-type key, permits access to controls and indications required at Access Level 2.

The Vigilant, Model MX1, fire alarm system includes integrated power supply equipment (PSE) rated at 5 A with a higher-capacity PSE option rated at 14 A. The cabinet includes space for batteries as the secondary power source. The manufacturer states that the FDCIE can be fitted with batteries up to a maximum of 40 Ah.

Operation is via a keypad and four-line LCD display. The keypad and display provide control and indication for a Fire Brigade Panel. One remote Fire Brigade Panel may be connected to the FDCIE to provide a remote fire brigade attendance point and/or second user interface.

The FDCIE and PSE comprise circuit boards and sub-assemblies detailed below. The Vigilant, Model MX1, fire alarm system includes a range of optional modules which can be fitted in the FDCIE cabinet to suit project requirements.

The Vigilant, Model MX1, fire alarm system, as evaluated, was supplied in a 28U cabinet approximately 570 mm wide x 1325 mm high x 370 mm deep. Its operating environment was specified by the manufacturer as -5 °C to 45 °C, and maximum 95% relative humidity (non-condensing).

The Vigilant, Model MX1, fire alarm system may be networked with other components using the "Panel-Link" communication protocol, up to a total of 250 networked panels.

The Vigilant, Model MX1, fire alarm system networking can use an I-Hub communications module with dual RS485 or fiber optic paths, or a PIB IP communications module with Ethernet, Extended Ethernet or fiber optic cables. Composite/mixed networks are possible

Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2320	7-May-2009	Number 29	Issue date 21-Apr-2026	30-Apr-2027

Page 3 of 10

This equipment is also available in 8U, 15U, 28U and 40U 19" rack cabinet sizes. Due to its smaller size the 8U cabinet is limited to a total of 4 MX loops (3 x MX loop cards), 32 zones of LED display and cannot fit some of the add-on modules.

One remote Fire Brigade Panel (FP0991) may be connected to the CIE to provide a remote fire brigade attendance point/second user interface. This operates the same as the CIE front panel and can provide a remote Fire Brigade Panel conforming to AS 4428.3-2020.

Up to 126 AS 1668 Fan Controls or ancillary switch/indication controls can be added to the panel. Each control provides 3 pushbuttons with green LEDs and 4 status LEDs - 2 red, 1 yellow, 1 green. These controls provide AS 1668.1 fan controls or general-purpose control/indication facilities for ancillary functions.

A 3U 19" rack door can contain 12 controls using the PA1102 Fan Control PCB (2 controls each).

Technical specification

The following details are a representative extract of the technical specification for the Vigilant MX1, Model FP0949, fire alarm system and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of mandatory functions and optional functions with requirements

The following schedule of AS 7240.2:2018 optional (or optional-required) functions with requirements have been validated.

Options	
1. Fire alarm condition (Clause 4.4)	N/A
a. Output to fire alarm signalling function (Clause 4.4.8)	Provided
b. Output to fire alarm routing function (Clause 4.4.9.1)	Provided
c. Input from fire alarm routing function (Clause 4.4.9.2)	Provided
d. Output to fire protection control function (Clause 4.4.10)	Provided
e. Delays to outputs (Clause 4.4.11)	Provided
f. Dependency on more than one alarm signal (Clause 4.4.12)	Provided
g. Alarm counter (Clause 4.4.13)	Not provided
h. Output of standard emergency evacuation signal (Clause 4.4.14)	Provided
2. Fault warning condition (Clause 4.5)	N/A
a. Fault monitoring of fire protection control function (Clause 4.5.3)	Provided
b. Fault signals from points (Clause 4.5.4)	Provided
c. Total loss of the power supply (Clause 4.5.5)	Not provided
d. Output to fault warning routing function (Clause 4.5.10)	Provided
3. Disabled condition (Clause 4.6)	Provided
4. Test condition (Clause 4.7)	Provided
5. Supervisory signal condition (Clause 4.8)	Not provided
6. Standardize input / output interface (Clause 4.9)	Provided
7. Dry heat (operational) (Clause 5.12)	Provided up to 45 °C

The following schedule of AS 7240.4:2018 optional (or optional-required) functions with requirements have been validated.

Options	
1. Impact (operational) (Clause 6.8)	Provided
2. Vibration, sinusoidal (operational) (Clause 6.9)	Provided
3. Vibration, sinusoidal (endurance) (Clause 6.12)	Provided
4. Dry heat steady state (operational) (Clause 6.13)	Provided

Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the MX1.

Specification category	Specification	Detail
Cabinet	Construction	1.2 mm/1.6 mm mild steel, zinc coated, colour Dulux Titania Ripple 288 1235Z. Baked epoxy powder coat finish. 003 key for outer door.
	Dimensions 19" rack	8U: 440 x 550 x 210 mm (H x W x D) 15U: 750 x 550 x 210 mm (H x W x D)
	Shipping weight	8U: 17 kg approx., excluding batteries. 15U: 24 kg approx., excluding batteries.
	BTO 19" rack	28U: 1330 x 575 x 388 mm (H x W x D) 40U: 1863 x 575 x 388 mm (H x W x D)
Environmental	Temperature/Humidity	Operating Temperature -5°C to +45°C. Humidity up to 95% RH (non-condensing)
	Cabinet Protection	IP30
Firmware	Firmware	V2.00

Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2320	7-May-2009	Number 29	Issue date 21-Apr-2026	30-Apr-2027
				Page 4 of 10

Specification category	Specification	Detail
Power - General	Mains Input	230 V _{a.c.} (192-253 V _{a.c.}), 50/60Hz, 1.2A rms max
	Charger Output	27.3 Vd.c. at 20 °C, Temperature-compensated at -31 mV/°C
	Battery specification	Rechargeable Valve Regulated Sealed Lead Acid Batteries 8U: 2 x 12V up to 40Ah capacity 15U: 2 x 12V up to 40Ah capacity. 28U: up to 75 Ahr 40U: up to 150 Ahr Limited by in-line ATQ 20 A Blade Fuse on Battery Connecting Leads, supplied with the panel
	DC Operating Voltage	19.2 V – 27.3 V (MX1 base panels) 16.8 V – 27.3 V (MX1 build to order (BTO) panels)
	Fused Supplies	Three VBF and one VRZDU terminals and one VNBF terminal, wire capacity 2.5 mm ² . Each output is fused at 3A (20 x 5 slow blow cartridge type). Power Distribution Module: 4 fused outputs with 5 A each, only with MX1 BTOs.
Addressable Device Loop	Output loop current	Up to 1.0 A continuous. Overcurrent cutout at 1.1 A (nominal).
	Terminals	AL+, AL-, AR+, AR-. Wire capacity 2.5 mm ²
Inputs	GP IN1, GP IN 2	Two transient-protected supervised general-purpose inputs suitable for connection to clean contact or open collector outputs. ELD value is 1.5 kΩ-3.3 kΩ.
Ancillary Relay Outputs	ANC1 and ANC2	Each relay provides a voltage-free set of changeover contacts, rated at 1 A inductive or 2 A resistive at 30 VDC. Configurable contact, load or door-holder mode supervision. ANC1 has a demountable screw terminal header compatible with pre-made loom LM0319 to connect to a T-GEN 50, T-Gen 60 or T-Gen 120 tone generator. ANC2 has 2.5 mm ² capacity screw terminals.
	ANC3	A single set of voltage-free changeover contacts, 5 A resistive at 30 V. Negative bias supervision of up to three branches of wiring is possible from this relay. ELD values are 9.1 kΩ for a single branch, 2 x 18 kΩ for a double branch and 3 x 27 kΩ for a triple branch.
Other Outputs	GP OUT 1 GP OUT 2	Two transient-protected general purpose open collector 2.5 mm ² outputs which can be used to drive loads of up to 500 mA. Load mode supervision (for O/C only) is optional on these outputs. S/C protected.
Serial Ports	Diag/Prog	RS232. Male DB9 connector configured as DTE. For connection to PC for diagnostics, programming, or firmware update. Requires null-modem cable, such as LM0076. Can be connected to a modem for remote dial-in access. This requires a straight serial cable.
	Serial Port 1	RS232. Male DB9 connector configured as DTE. Suitable for connection to a logging printer. Requires null-modem cable for printer connection, such as LM0076.
	RZDU Port	Four 2.5 mm ² capacity screw terminals, for connection to up to 8 remote supervised display devices using RZDU protocol.
	Serial Ports 0, 2-4	4 "TTL Level" serial ports on J28, J25, J26, J27 suitable for internal connection to MX Loop Cards, an RS485 card for a Remote FBP, or a Network Interface module such as an I-HUB, PIB or another suitable device. Port 0 shared with RZDU Port.
Zones	Capacity	Up to 999 zones can be configured.
	LED indicators	The first 192 zones can be displayed on optional LED displays – 32 on the keypad module and 160 on 2 x 4U modules. Red indicator = Alarm. Amber indicator = Fault (flashing) or Disabled (steady)
Fan controls	Capacity	126 Fan controls for each MX1.
	Function	For AS 1668 fan controls or other functions via programming.
Brigade Interfaces	ASE Interface	Isolated and protected screw terminal, 4 mm ² capacity, for 2 wire connection to a Centaur ASE FAS – normally-closed input. Transmits Alarm, Fault and Disable.
	SGD Interface	10-way FRC header suitable for connection to SGD, Super SGD.
	Brigade Relays	Three sets of voltage-free changeover contacts, rated at 1 A inductive at 30 V, with 2.5 mm ² capacity terms, for Alarm, Fault, and Disable signalling.

The following schedule is an extract of physical and operational properties/characteristics of the MX1 PSE.

Specification	MX1 Base Panels (5 A PSE)	MX1 BTO Panels (14 A PSE)
DC Operating Voltage (At ambient)	19 V to 27.3 V	16.8 V to 27.3 V
Input Voltage (min) Note: Minimum battery voltage when the AC is off, and the battery is discharging.	19.2 V	17 V
Output Voltage (min) Note: Minimum supply voltage when the AC is off, and the battery is discharging.	19 V	16.8 V

Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2320	7-May-2009	Number 29	Issue date 21-Apr-2026	30-Apr-2027

Page 5 of 10

Specification	MX1 Base Panels (5 A PSE)	MX1 BTO Panels (14 A PSE)
$P_{a, \max}$	55.5 W	309.4 W
$P_{b, \min}$	110 W	364 W
$P_{c, \max}$	55.5 W	309.4 W
$P_{\min}$	9.1 W	9.1 W

Schedule of components and/or assemblies

The following is a schedule of validated components and/or assemblies of the base MX1 modules.

Module	Description	PCB reference	Software
1982-2 (PA1081)	MX1 controller	Issue E, Rev 7	SF0412 – V2.00 SF0305 – V1.20
1982-64 (PA1057)	Display keyboard	Issue D, rev 3	SF0407 – V2.03
LD0054 (mounted in FP0913)	Display powertip PC4004-A LCD screen	N/A	N/A
FP0913	LCD Module	Rev G	N/A
1982-55 (PA1050)	PSE monitor board (mounted on 5A PSE)	Issue A, Rev 1	N/A
1982-57 (PA1052)	MX loop interface	Issue C, Rev 4	SF0392 V2.07
1982-3 (PA1020)	MX1 16 zone display	Issue D, Rev 3	N/A
1982-178 (PA1102)	Fan Control/Display Board	Issue A, Rev 2	SF0501 - V2.00

The following is a schedule of validated components and/or assemblies of the 5 A PSE.

Module	Description	PCB reference	Software
PA1050	Power Monitor Modul mounted on 5 A PSE	Issue A, Rev 1	N/A
Bentel BAQ140T24	5A - 27.3Vdc+/-0.2V PSM; Main: 85-264Vac, 47-63Hz	N/A	N/A

The following is a schedule of validated components and/or assemblies of the 14 A PSE.

Module	Description	PCB reference	Software
Meanwell HRP-300-24 PSM	14A - 27.3Vdc+/-0.2V PSM; Main: 85-264Vac, 47-63Hz	N/A	N/A
PA1180	Power Distribution Module	Issue A, Rev 1	N/A
PA1135	AS7240 PSE Controller Board	Issue B, Rev 3	SF0537 -V1.3

The following is a schedule of validated components and/or assemblies of the optional MX1 modules.

Module	Description	PCB reference	Software
1982-57 (PA1052)	MX loop interface	Issue C, Rev 4	SF0392 – V2.02
1982-3 (PA1020)	MX1 16 zone display	Issue C, Rev 3	N/A
PA0470	16 way relay board	Issue A, Rev 1	N/A
PA0479	16 way input board	Issue D, Rev 3	N/A
1901-139 (PA0773)	RS485 Board	Issue D, Rev. 6	N/A
PA0638	ECM9603 IHUB	Issue B Rev 3	V2.02
FP0986	1963-114 PIB	Issue F Rev 7	V2.03
PA1102	Fan Control Board	Issue B Rev 2	V2.00

The following is a schedule of validated components and/or assemblies of the optional field modules.

Module	Designation	PCB reference	Software
CIM800 (555.800.002.S)	Contact Input Module	125-585-650; Rev 17	N/A
MIO800 (555.800.065)	Multi Input Output Module	125-585-973; Rev 7	N/A
QI0850 (125.685.066)	Quad I/O Module	125.685.066; Rev 3	N/A
QM0850 (125.685.067)	Quad Monitored Output	Issue 1, Rev 02	N/A
QRM850 (125.685.094)	Quad Relay Output	Issue 2, Rev 03	N/A
DDM800 (125.685.044)	Dual Detector Module	Issue 2	V1.0, V1.01

Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2320	7-May-2009	Number 29	Issue date 21-Apr-2026	30-Apr-2027
				Page 6 of 10

Indicators and controls

The Vigilant, Model MX1, fire alarm system has an integrated Fire Brigade Panel to the requirements of AS 4428.3. The following details the indicators and controls on the submitted product sample with respect to their position on the fascia.

Indicators	Colour
Indicators within AS 4428.3 border	
Fire (2 LEDs with word "FIRE")	Red
Fire protection activated	Red
Smoke control activated	Red
Alarm devices activated	Red
Alarm signalling equipment activated	Red
Operating/power	Green
Several alarms	Red
Indicators outside AS 4428.3 border	
System fault	Yellow
Alarm devices fault/disabled	Yellow
Alarm Routing fault/disabled	Yellow
Faults	Yellow
Disable	Yellow
Tests	Yellow
AIF	Yellow
16 zone display module indicating alarm (red), fault (flashing yellow) and disable (steady yellow).	Red /Yellow

Controls	Function
Controls within AS 4428.3 frame	
Silence buzzer	Silence internal fault sounder.
Silence alarm devices	Start/Stop fire alarm devices.
Reset	Panel reset.
Disable	Disables zones in alarm
Next	Scrolls through alarm queue
Controls outside AS 4428.3 frame	
F1 to F4	Function keys. Active function indicated on LCD display
Faults	Enables fault display mode
Disables	Enables disable display mode
Tests	Enables tests display mode
AIF	Alarm investigation facility operation
Menu, Zone, Cancel, OK	Used for panel operation through menu system.
Keypad	0 to 9, '+' and '.' Characters. Numbers 2, 4, 6, and 8 include secondary function as scroll arrows.

Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2320	7-May-2009	Number 29	Issue date 21-Apr-2026	30-Apr-2027

Page 7 of 10

FP0991 MX1 Remote FBP (Fire Bridge Panel), auxiliary equipment

The FP0991 MX1 Remote FBP (Fire Bridge Panel) for the Vigilant, Model MX1, fire alarm system allows remote display and control of the CIE by the fire brigade or a building manager/engineer, etc.

The Remote FBP is a cut-down version of the CIE's AS 4482-3-style FBP user interface. It has the same 4-Line LCD and keyboard layout, but without the Zone LED displays. The Remote FBP and the CIE's integral FBP work independently, but use the same core data.

The Remote FBP is normally powered by the CIE. The Remote FBP contains an RS485 board that communicates to the CIE controller. Each CIE allows only one Remote FBP to be connected.

The Remote FBP is designed to be surface mounted on to the wall using the integral surround, or flush mounted into the wall (with the surround not used).

Use of the Remote FBP requires Controller firmware V1.40 or later and the Remote FBP must be enabled in the SmartConfig datafile. SmartConfig Version V2.2.0 or later is required to support this.

The following schedule is an extract of physical and operational properties/characteristics of the FP0991 MX1 Remote FBP (Fire Bridge Panel).

Specification category	Specification	Detail
Power supply	Input Voltage	10 - 28 Vdc
	Current Consumption at 12.0 V	Typical 85 mA (240 mA if LCD back light on)
	Current Consumption at 24.0 V	Typical 75 mA (140 mA if LCD back light on)
	FLT/DEF- input	Closure to < 0.7 V for fault (local PSU if used)
Field wiring	Power from CIE	Cable pair maximum loop resistance 25 ohm
	Comms	2 x pairs, preferable each twisted and screened. 0.4 mm ² permissible.
	Cabling	All power screw terminals have the capacity for 4.0 mm ² conductors.
		All comms screw terminals have the capacity for 2.5 mm ² conductors.
Physical	Cabinet Dimensions	380 mm W x 220 mm H x 21 mm D (flush mount).
		380 mm W x 220 mm H x 56 mm D (surface mount).
	IP Rating	IP30
	Material	Powder-coated 1.2 mm steel
	Weight	3.8 kg
	Colour	Titania
Part numbers	Environmental	-5 °C to 45 °C, 0 to 95% RH (non-condensing)
	FP0991	MX1 Remote FBP
	PA1057	MX1 LCD/Keyboard Board Spare
	PA0773	RS485 Comms Board Spare
	FP0913	MX1 LCD Module Spare

Networking

This equipment can be networked with other Panel-Link compatible products (e.g. MX4428, F3200) using:

- An I-HUB to provide a ring of up to 64 panels using RS485 or fibre optic cables, or a dual path RS485 bus to other units,
- A PIB to interface to an IP network utilising a Moxa switch, fibre or Ethernet cables for a ring, and DSL Extended Ethernet modules to extend an Ethernet connection.

This equipment can support up to 250 panels in total, by using a combination of these network interfaces.

Networking can use the following third party products:

- Moxa Model EDS-405A-SS-SC Ethernet/Fibre Switch
- Moxa Model EDS-405A-MM-SC Ethernet/Fibre Switch
- Moxa Model EDS-405A-MM-ST Ethernet/Fibre Switch
- Westermo DDW-120 DSL Modem
- Adam 4542+ Single-Mode Fibre Optic Module
- Adam 4541 Multi-Mode Fibre Optic Module

Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2320	7-May-2009	Number 29	Issue date 21-Apr-2026	30-Apr-2027

Page 8 of 10

Schedule of compatible MX devices

The following MX devices have been shown to be compatible with the *MX1* MX addressable loops (AS 7240.13 assessment).

Device type	Description	Max No. per loop
850PH	Photoelectric Smoke + Heat Detector c/w Short Circuit Isolator	250
850P	Photoelectric Smoke Detector c/w Short Circuit Isolator	250
850H	Heat Detector c/w Short Circuit Isolator	250
850PC	Photoelectric Smoke + CO + Heat Detector c/w Short Circuit Isolator	250
DDM800	Universal Fire & Gas Detector Module c/w Short Circuit Isolator	15 (loop power) / 80 (external power)
DIM800	Detector Input Module	250
MIM800	Mini Input Module (Hard contact s/c alarm)	250
CIM800	Contact Input Module	250
QIO850	Quad Input / Output Module c/w Short Circuit Isolator	107
QMO850	Quad Monitored Output Module c/w Short Circuit Isolator	107
QRM850	Quad Relay Output Module c/w Short Circuit Isolator	250
SIO800	Single Input/Output Module	250
MIO800	Multiple Input/Output Module	250
SNM800	Sounder Notification Module	250
RIM800	Relay Interface Module	250
LIM800	Short Circuit Loop Isolator Module	250
4B	Detector Base	250
4B-C	Continuity Base for 850 detectors	250
4B-I	Short Circuit Isolator Base	250
D51MX	Duct Sampling Unit (with 4B-C base)	250

Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2320	7-May-2009	Number 29	Issue date 21-Apr-2026	30-Apr-2027

Page 9 of 11

Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Report	XF2446/R1	Vigilant model FP0949 MX1 Fire Alarm System to AS 7240.2-2004 and AS 7240.4-2004	May 2009	CSIRO, Materials Science and Engineering, AU
	XF2446/R2	Vigilant model FP0949 MX1 Fire Alarm System to AS 4428.3-2004		
	XF2678/R1	Evaluation for conformity of the Vigilant MX1, fire alarm system to the requirements of AS 7240.2-2004	16-Mar-2012	
	XF2680/R1	Evaluation for conformity of the Vigilant MX1, Model FP0949, fire alarm system to the requirements of AS 7240.2-2004	25-Jun-2013	
	XF2922/R1	Evaluation for conformity of the Vigilant MX1, Model FP0949, fire alarm system to the requirements of CSIRO TS-004 (referencing AS 7240.2-2004 and AS 4428.7-1999) and AS 4428.3-2010	24-Mar-2015	CSIRO Infrastructure Technologies, Fire Systems and Acoustics, AU
	XF2877/R1	Compatibility Assessment of the Tyco QIO850 Quad Input/Output Module, QMO850 Quad Monitored Output Module, QRM850 Quad Relay Module and DDM800 Universal Fire and Gas Detector Module and Vigilant, MX1, fire alarm system to the requirements of AS 7240.13-2006 (incorporating amendment 1)	23-Apr-2015	
	XF3071/R1	Compatibility assessment of Tyco I/O modules, detectors and short-circuit isolators with Vigilant MX1 Fire Alarm System to the requirements of AS 7240.13-2006 (inc. amdt 1)	30-Jun-2017	CSIRO, Fire Systems Laboratory
	CSBA0108/R1c	Evaluation for Conformity of the Vigilant, Model MX1, fire alarm system to AS 7240.2:2018, AS 7240.4:2018, AS 4428.3:2020 and AS 1670.1:2018 - Section 7	31-Mar-2025	
Manual	LT0439	Vigilant MX1-Au Fire Alarm System Operator Manual Issue 1.90 (LT0439_MX1 Operator Manual V1.90.pdf)	18-Mar-2025	Johnson Controls Fire Detection Products, AU
	LT0442	Vigilant MX1-Au Fire Alarm System Wiring Diagrams Issue 1.99 (LT0442_V1.99 MX1 Wiring Diagrams.pdf)	01-Oct-2024	
	LT0443	Vigilant MX Loop Card Expansion Kit (FP0950) Installation Instructions Issue 1.23 (LT0443_V1.23 MX1 LoopCard Installation.pdf)	01-Oct-2024	
	LT0532	Vigilant MX1 Remote Fire Brigade Panel (FBP) Installation Instructions Issue 1.52 (LT0532_V1.52 MX1 Remote FBP Installation.pdf)	01-Oct-2024	
	LT0587	Vigilant MX1 Fan Control Door / Expansion Kit (FP1056, FP1057) Installation Instructions Issue 1.10 (LT0587_V1.10 MX1 FanControl Installation.pdf)	01-Oct-2024	

Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2320	7-May-2009	Number 29	Issue date 21-Apr-2026	30-Apr-2027

Page 10 of 10

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
	LT0685	Vigilant 14A PSE Installation Instructions (FP1139) Installation Instructions Issue 1.20 (LT0685_T-Gen2 14A PSE Installation V1.20.pdf)	18-Mar-2025	
Datasheet	FD2502004	Johnson Controls Zettler Zettler MX1 (FD2502004_VIGILANT MX1 - Update datasheet Zettler_A4_01_5.pdf)	24-Mar-2025	Johnson Controls Fire Detection Products, AU