



Certificate of Conformity

Certificate num.	Registration date	Version	Issue date	Valid until	Page 1 of 2
afp - 1503	5-Feb-2002	Number 22	3-Apr-2024	30-Apr-2025	

Product designation

Tyco, Model CP820, addressable manual call point

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

Agent/distributor

Johnson Controls Fire Detection Products

Level 3, 37 Dalmore Drive, Carribbean Park, SCORESBY, VIC, AUSTRALIA, 3179

Registrant

Johnson Controls Fire Detection

17 Mary Muller Drive, Hillsborough, Christchurch, NEW ZEALAND, 8022

Producer

KAC Alarm Company Limited

KAC House, Thornhill Road, North Moons Moat, REDDITCH, WORCESTERSHIRE, UNITED KINGDOM, B98 9ND

Conformance criteria and evaluation

The Tyco, Model CP820, addressable manual call point has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 1603.5-1996, 'Automatic fire detection and alarm systems - Manual call points (all requirements other than weathering)' incl. Amdt 1 (August 1998).

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. Should not be installed in environments that are likely to become wet and/or exposed to the weather.
- ii. Compatibility of this device with new or existing control and indicating equipment should be verified prior to installation.

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

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Producer's description

The Tyco, Model CP820, addressable manual call point (mcp) is surface mounted with a plastic coated frangible element to ensure safe and reliable operation without dangerous glass shards. The mcp is operated by pressing on the centre of the frangible element until it snaps, signalling an alarm at the control and indicating equipment. The integral LED indicator will illuminate when an alarm is registered and may be programmed to blink when the CP820 mcp is polled by the CIE.

The MCP can be converted to a resettable model by substituting the glass element with a resettable frangible element.

The Tyco, Model CP820, addressable manual call point must be programmed to the correct loop address using the Tyco 801AP MX Service Tool.

Technical specification

The following details are a representative extract of the technical specification for the Tyco, Model CP820, addressable manual call point and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Compatible CIE:	Tyco Model MX4428
Loop voltage:	20 Vdc to 40 Vdc
Quiescent current:	275 μ A
Alarm current:	2.8 mA
Operating temperature:	-25°C to 70°C
Storage temperature:	-40°C to 80°C
Humidity:	95% RH (max. non condensing)
Dimensions:	Width 87 mm Height 87 mm Depth 51 mm
Material (housing):	Modified polyphenylene oxide (Noryl SE100)

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 No.	XF1803/R1	Compliance testing of the Tyco MX model CP820 addressable manual call point to AS 1603.5-1996 (incl. Amdt. No. 1)	February 2002	Scientific Services Laboratory, AU
Instructions	120.415.747 Issue 2	MX Technology, CP820 Addressable Manual Call Point, Installation Instructions	19-Nov-2001	Tyco Electronic Products Group, AU