



Certificate of Conformity

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Product designation

Tyco Fire Products, Model MC-1, manual control station

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

Agent/distributor

Tyco Fire Protection Products
Level 3, 95 Coventry Street, SOUTHBANK, VIC, AUSTRALIA, 3006

Registrant

Tyco Fire Protection Products
Level 3, 95 Coventry Street, SOUTHBANK, VIC, AUSTRALIA, 3006

Producer

Tyco Fire Protection Products
2401 Northeast Loop 289 & Muni, LUBBOCK, TX, UNITED STATES, 79403

Conformance criteria and evaluation

The Tyco Fire Products, Model MC-1, manual control station has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Underwriters Laboratories - Evaluation and listing, 'UL listing'.
2. Underwriters Laboratories Canada - Evaluation, follow-up services and listing, 'cUL listing'.
3. Factory Mutual - Evaluation and approval, 'FM approval'.
4. Loss Prevention Council - Evaluation, surveillance and approval, 'LPC approval'.

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. Fire sprinkler equipment, system design and installation should be determined and verified in accordance with the performance and prescribed requirements of the regulations, standards and criteria as specified by the building code and authorities having jurisdiction. Due considerations include the occupancy fire loading, sprinkler location, coverage, response, hydraulic characteristics and other specified requirements relevant to the conformance and effectiveness of the equipment and installed system.

(Limitations/conditions of conformance continue)

Issued by

David Whittaker
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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- ii. Specific or special requirements in relation to this product must be considered and included in the system design and installation.
- iii. Minimum ambient temperature;
 - a. Dry pilot line: -46°C
 - b. Wet pilot line: -4°C
- iv. The working pressure range is 140 to 1720 kPa.

Producer's description

The Model MC-1 Manual Control Station provides a tamper resistant means for emergency release (i.e. operation) of Tyco Fire Products deluge and preaction valves.

Interconnection with the valves may be direct via hydraulic (wet) pilot line or indirect via pneumatic (dry) pilot line to a Model DP-1 dry pilot actuator.

Technical specification

The following details are a representative extract of the technical specification for the Tyco Fire Products, Model MC-1, manual control station and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Working pressure range	140 to 1720 kPa (20 to 250 psi)
Physical characteristics	
Box and cover	Thermoplastic
Elastomer water seal	Teflon
Reference technical data sheet	TFP1382, January 2003