

## ANTI-TAMPER SUPERVISORY SWITCH

The Amtron valve monitoring device was originally developed to improve the need to protect the accidental or deliberate incorrect operation of control valves in the fire protection industry.

Model	Type A/B	Anti-tamper	Self indicating LED	Provision for inclusion of an addressable device
101	A	YES	NO	NO
102	A	YES	YES	NO
105	B	NO	NO	NO
114	B	NO	YES	NO
501	A	YES	NO	YES
502	A	YES	YES	YES
505	B	NO	NO	YES
514	B	NO	YES	YES

## TECHNICAL SPECIFICATIONS

### ELECTRICAL RATING

Maximum & Minimum working voltage:	30V dc / ac - 21V dc / ac
Maximum current rating:	200 mA
Alarm current / voltage:	24V @ 30 mA

WEIGHT	230 grams (.507lb)
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DIMENSIONS	5.8cm L x 4.4cm W x 10.6cm H
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### ENVIRONMENTAL LIMITATIONS

Weatherproof	Hermetically sealed	Shock resistant
Flame retardant	Anti-tamper	UV resistant polyester
Intrinsically safe (IP 65)		

Indoor/Outdoor use including Hazardous and public locations

MOUNTING	Easy fit bracketing available for all types of valves.
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## SERVICE USE

AS 4118.1.4 - 1994 'Valve Monitors'
AS 2118 1. - 1999 'Automatic Fire Sprinkler System - General Requirements'
AS 2419. 1 - 1994 'Fire Hydrant Installations - System Design, Installation and Commissioning'

## FITTING

All Amtron devices can be fitted to the follow types of valves:

Outside screw & yoke	Butterfly	Lever operated ball valve
Sluice	Post indicator valve	Non rising spindal; inside screw

On site & Factory fitting available

## ORDERING INFORMATION

Description	Stock Number
Butterfly bracket	B/F
Non rising spindal bracket	N.R.S
Hazardous protection rating	IP-67
Outside Screw & yoke bracket	OS & Y



MODEL 502

## APPROVALS



Our products can also be viewed at the [CSIRO](#) [ActivFire](#) Register of Fire Protection Equipment, the listing numbers are: afp-822 and afp-823.



Please view the MFB's related guidelines on 'Fire Service Isolation Valve Monitoring Devices' at the following link:  
[www.mfbb.vic.gov.au/asset/PDF/GL-24%20v2.pdf](http://www.mfbb.vic.gov.au/asset/PDF/GL-24%20v2.pdf)



Our products have also been tested to comply to the following worksafe standards:  
AS 2380.1-1989 'General requirements'  
AS 2380.7-1987 'Intrinsically safe'  
AS 1939-1990 'Protection provided by Electrical equipment'