

# Anti-Tamper Supervisory Switch

1

**AMTRON**  
VALVE MONITORING DEVICE

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 DATA

### ELECTRICAL RATING

Maxi. & Min. working voltage 30V dc/ac - 21V dc/ac

Maximum current rating 200 mA

Alarm current / voltage 24V @ 30 mA

WEIGHT 230 grams ( .507 lb)

DIMENSIONS 5.8cm L x 4.4cm W x 10.6cm H

MOUNTING Easy fit bracketing available for all types of valves.

### ENVIRONMENTAL LIMITATIONS

» Weatherproof » Flame retardant  
» Intrinsically safe (IP 65) » Hermetically sealed  
» Anti-tamper » Shock resistant  
» UV resistant polyester  
Indoor/Outdoor use including Hazardous and public locations

## 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



MODEL 502

## ORDERING INFORMATION

Description	Stock No.
Butterfly bracket	B/F
Non rising spindal bracket	N.R.S
Hazardous protection rating	IP-67
Outside Screw & yoke bracket	OS & Y

## 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'



**A** 1/32 Stennett Road, Ingleburn NSW 2565  
**P** (02) 9618 7666  
**E** [sales@ausfiregroup.com.au](mailto:sales@ausfiregroup.com.au)  
**W** [ausfiregroup.com.au](http://ausfiregroup.com.au)