



## NOTIFIER TMP2-D-X-S-1-A CPR Heat Detector TMP Instruction Manual

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TMP2-D-X-S-1-A  
CPR Heat Detector TMP  
Instruction Manual



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## OPERATING INSTRUCTIONS

### Description

The TMP2 series of overheat detectors, includes an electronic circuit for signal conditioning generated by the transducer.

The electrical signal of the transducer is transformed into an engineered output with different interface solutions. The electronic card, reduced to the minimum size, is made using SMT technology and placed directly into the unit probe.

### Features

High reliability, dependable long-life.

High Immunity to EMI disturbances and virtually eliminate false alarms.

Two temperature set-point levels setting from -20°C to 110°C.

Supply Voltage	10-30 Vdc
Supply current	200 uA in normal condition 20 mA in alarm condition
Supply fuse	63 mA
Cable Type	2 wires cable.

Automatic self diagnosis

### Typical application

TMP2 detectors are particularly suitable in commercial and industrial plants in presence of flammable or corrosive elements or condensing steams.

Suitable for use in explosive atmospheres.

Hazard material stores.

Extraction ducts.

TMP detectors are designed according to European requirements EN54 and ATEX directive.

### Interconnecting cable guidelines

The TMP2 heat detector requires an interconnecting cable having two conductors. Note that the use of shielded cables is recommended.

Should more than one strand of wire be used in the wiring be sure that the cable screen is continuous and that the conductors are soldered at the joints.

Furthermore it must be remembered that the protective shielding must be earthed only on the side of the control

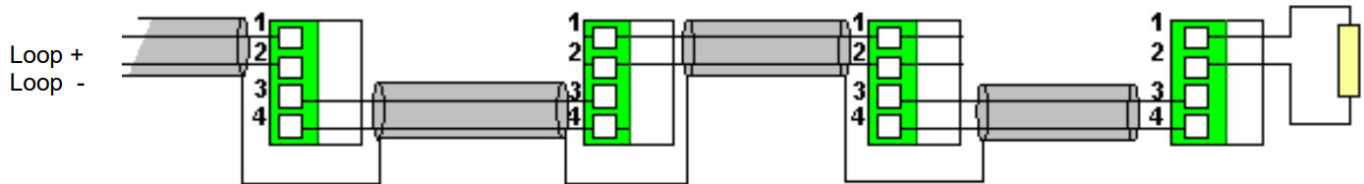
unit or power supply, and must never be connected to the detector.

The use of terminal leads is recommended, otherwise the joints on the power cable must be clamped with flat tab connectors or soldered.

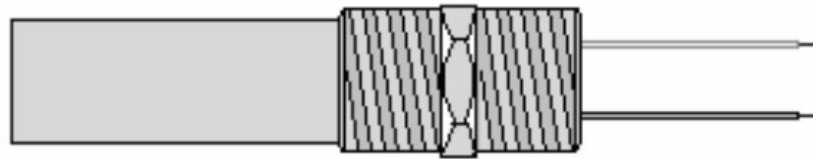
It is best to avoid connection, to the same power source used for the detectors, inductive loads could generate 'noises' on the power supply to the system.

In any case the use of auxiliary winding on the main power transformer is recommended for supply suppression devices, actuators, sounders or other devices.

Interconnection references for current loop with end of line resistor



The cable screen must be connected to safety earth in safe area.



TMP2 probe cable assignment	
Brown cable	Terminal block +
White cable	Terminal block –

The sensor is calibrated in the factory specifically for the temperature levels requested by the client. Installation and maintenance must be carried out by suitably skilled and competent personell only.

## Maintenance

It is on-the-less good practice to check ever six months the response of the sensor.

Before starting any verification procedures all personnell responsible for security should be informed and all alarm systems which might be connected to the system should be switched off.

**NOTE:** If you need more information of this product, you can visit our web site: [www.notifier.it](http://www.notifier.it)

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## Documents / Resources

	<a href="#">NOTIFIER TMP2-D-X-S-1-A CPR Heat Detector TMP</a> [pdf] Instruction Manual TMP2-D-X-S-1-A CPR Heat Detector TMP, TMP2-D-X-S-1-A, CPR Heat Detector TMP, Heat Detector TMP, Detector TMP, TMP
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## References

