



DESCRIPTION

HEMKUNT electronics Magnetic Proximity Switch/Sensor is constructed by shaping and hermetically sealing the reed switch connected with wires. Switching action will occur when a magnetic object is in the proximity working range.

It is usually used as a position sensor.

It offer solid state reliability, very low power consumption, and consistent activation points over a wide temp. Range in a rugged and environmentally isolated package.

HEMKUNT electronics specializes in customizing designs to specific customer needs for a wide range of applications. Please feel free contact us to provide the optimal solution for your specific needs.

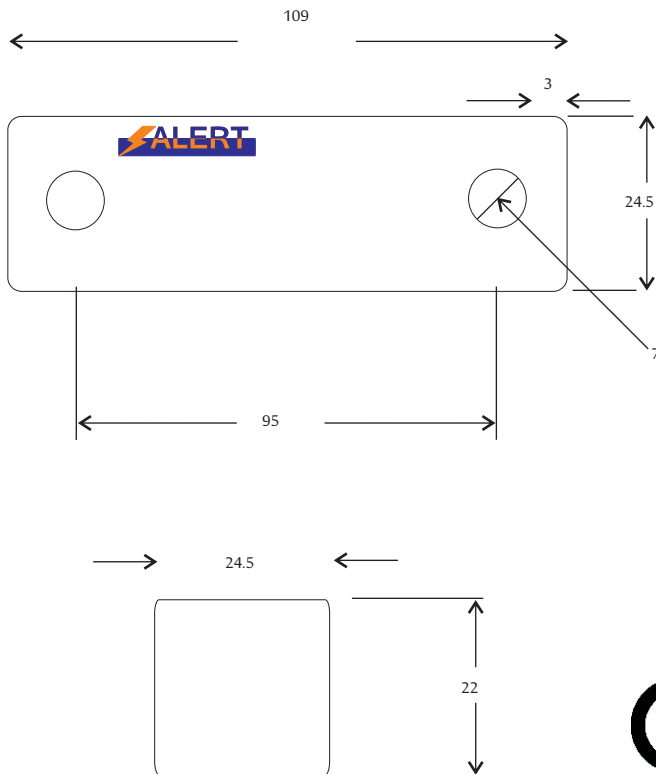
HEMKUNT ELECTRONICS

Contact Details : Website- www.hemkuntelectronics.com
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Telephone numbers- 011-27394466 ,+91-9810822092, +91-8800445952

ALERT (MPS Series)

**Magnetic Proximity Switches
with Reed Sensors**

DIMENSIONS (All dimensions are in mm)



MPS 01(a) Series



MPS 01 Series



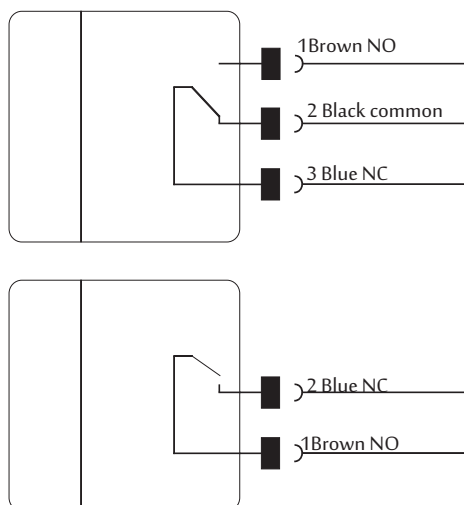
MPS 01(b) Series



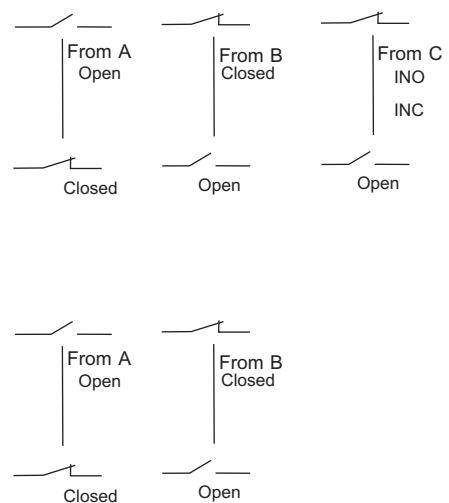
ACTUATOR MAGNET Casing



WIRING DIAGRAM (Changeover, NO+NC)



SWITCHING STATUS



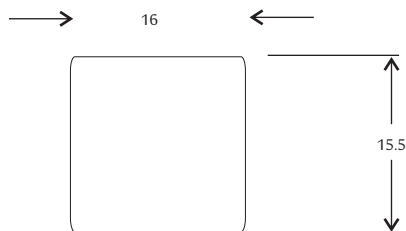
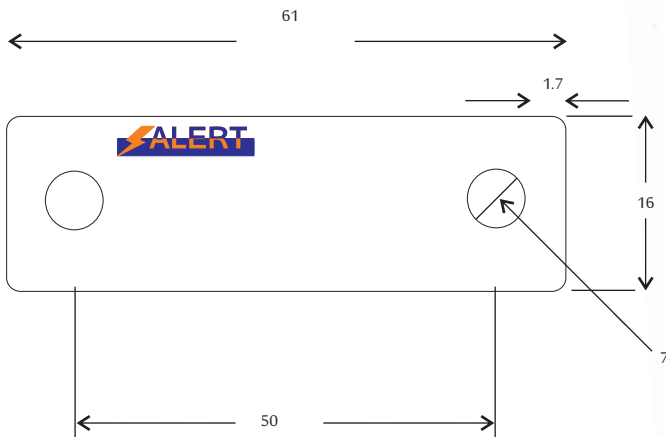
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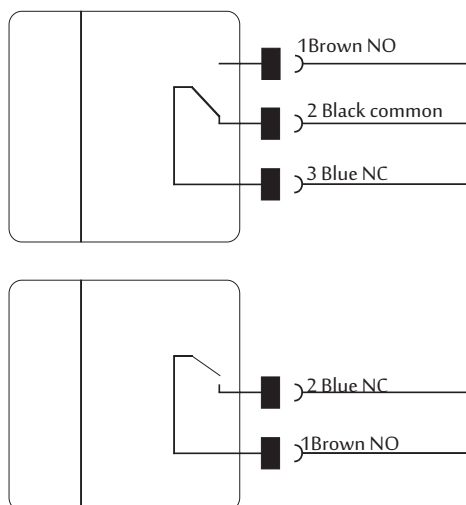
ALERT (MPS Series)

**Magnetic Proximity Switches
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DIMENSIONS (All dimensions are in mm)



WIRING DIAGRAM (Changeover, NO+NC)



MPS 02(a) Series



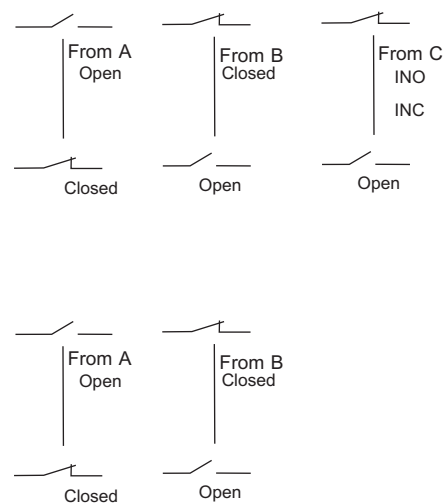
ACTUATOR MAGNET Casing



MPS 02 Series



SWITCHING STATUS



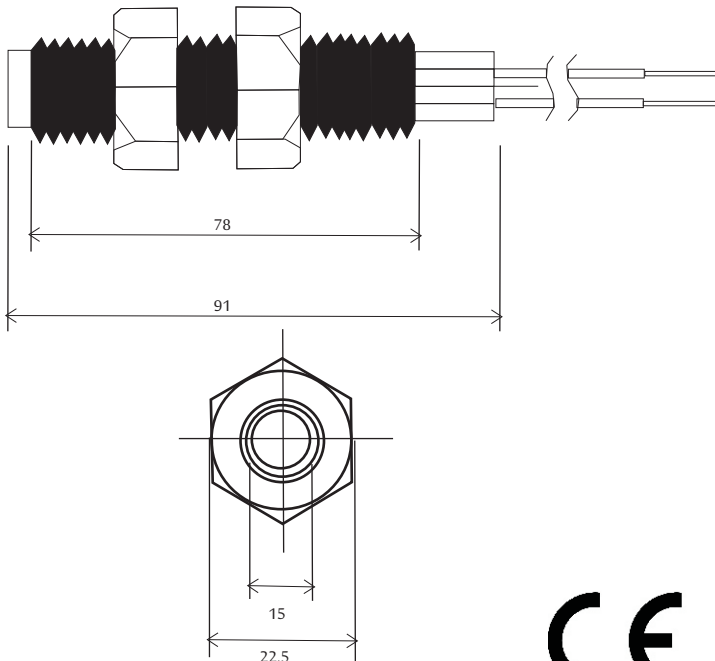
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DIMENSIONS (All dimensions are in mm)



MPS 03 (a) Series

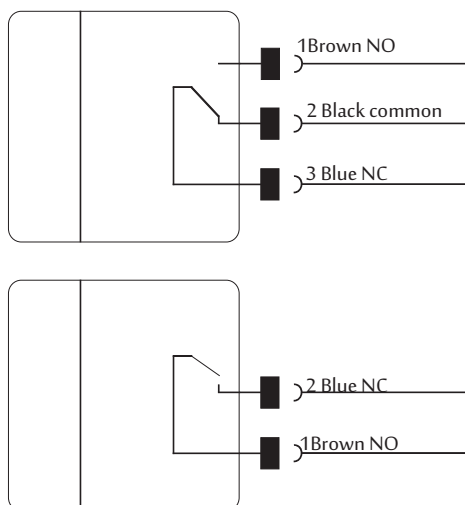
MPS 03 Series



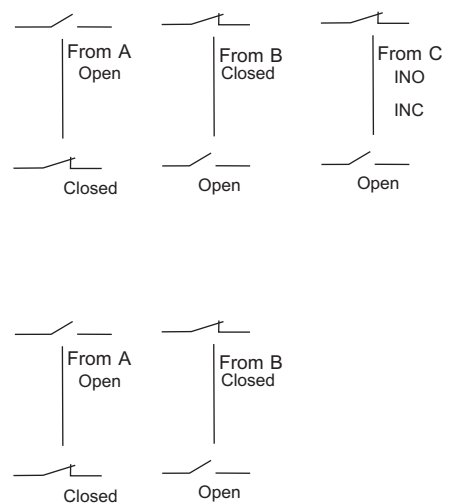
ACTUATOR MAGNET Casing

* 3 WIRE & 2 WIRE VERSIONS ARE AVAILABLE IN BOTH SIZES & COLORS

WIRING DIAGRAM (Changeover, NO+NC)



SWITCHING STATUS



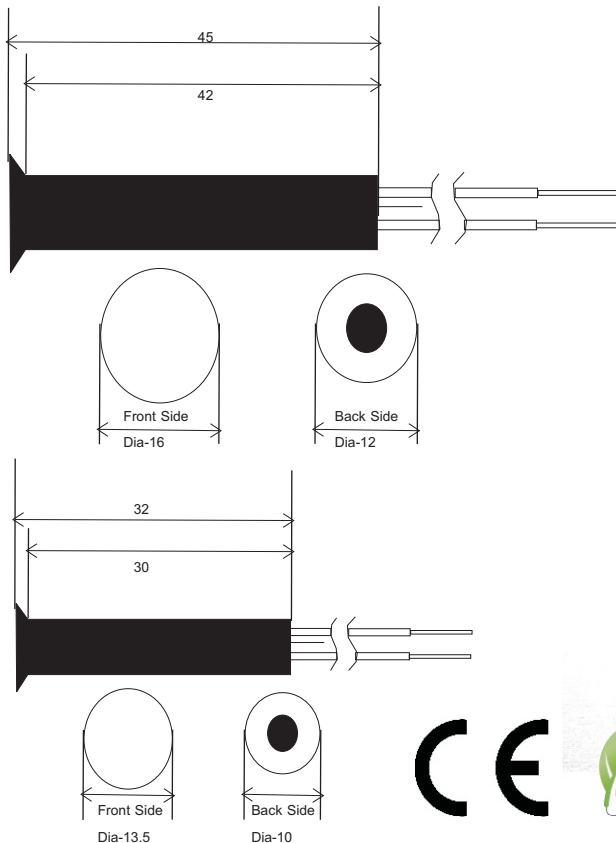
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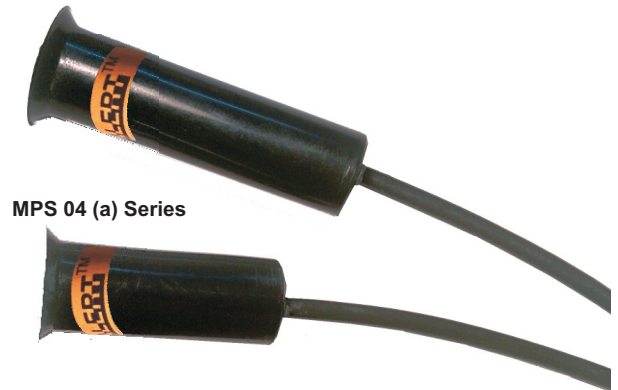
ALERT (MPS Series)

**Magnetic Proximity Switches
with Reed Sensors**

DIMENSIONS (All dimensions are in mm)



MPS 04 Series



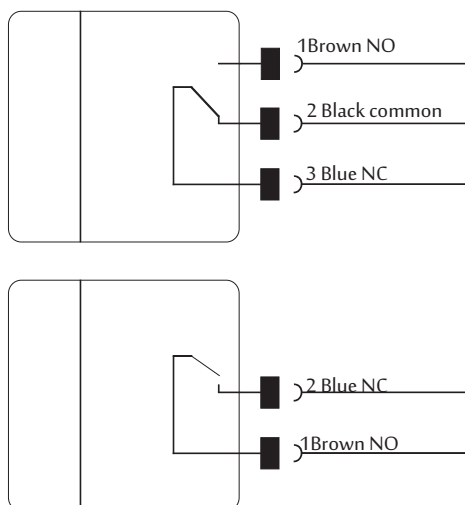
MPS 04 (a) Series



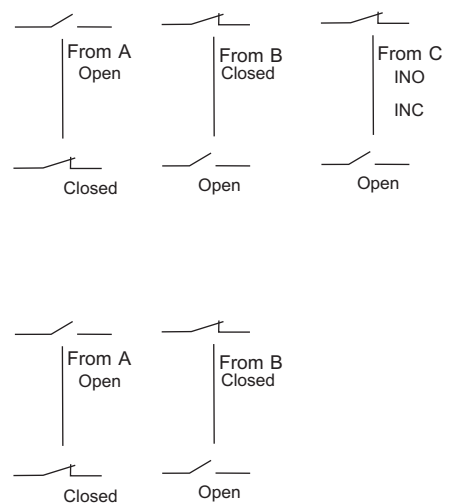
ACTUATOR MAGNET Casing

* 3 WIRE & 2 WIRE VERSIONS ARE AVAILABLE IN BOTH SIZES

WIRING DIAGRAM (Changeover, NO+NC)



SWITCHING STATUS



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Magnetic Proximity Switches with Reed Sensors

FEATURES

- # Being hermetically sealed. It can be used in all types of environment* including air, water, vacuum, oil, fuels, and dust laden atmospheres.
- # No power required or current drain in its quiescent state.
- # Choice of normal open(From A), normal closed(From B) or change-over contact(From C).
- # No mechanical wear and tear.
- # Customer can define sensitivity, cable length and connector.
- # Tried and tested by industry over years.
- # Operates through non-ferrous materials such as wood, plastic or aluminum
- * (Normally working atmosphere is AIR if any specific atmosphere kindly specify before ordering.)

APPLICATIONS

- # Security Door Switch
- # Sensing Rotations
- # Sensing Valve Positions
- # Machine Tools
- # Limit Switches
- # Linear Actuators
- # Washing Machines
- # Distance Measurement
- # Elevators/Conveyors
- # Car Door Switches
- # Industrial Process Control
- # Besides above there are many more applications one can think of.

SERIES	MPS 01	MPS 01 (a)	MPS 01 (b)	MPS 02	MPS 02 (a)	MPS 03	MPS 03 (a)	MPS 04	MPS 04 (a)
Description	Screw or adhesive mounting	Screw or adhesive mounting	Screw or adhesive mounting	Screw or adhesive mounting	Screw or adhesive mounting	Screw mounting	Screw mounting	Push Installation	Push Installation
Housing Material	ABS	ABS	ABS	ABS	ABS	ABS	ABS	ABS	ABS
Contact From	A,B,C	A,B	A,B	A,B,C	A,B	A,B,C	A,B	A,B,C	A,B
Contact Rating MAX	80 VA	80 VA	80 VA	80 VA	80 VA	80 VA	80 VA	80 VA	80 VA
Max Switching Voltage	250 VAC(rms)	250 VAC(rms)	250 VAC(rms)	250 VAC(rms)	250 VAC(rms)	250 VAC(rms)	250 VAC(rms)	250 VAC(rms)	250 VAC(rms)
Min Breakdown Voltage	800 V	800 V	800 V	800 V	800 V	800 V	800 V	800 V	800 V
Max Switching Current	1.3 A	1.3 A	1.3 A	1.3 A	1.3 A	1.3 A	1.3 A	1.3 A	1.3 A
Max Carry Current	3.25 A	3.25 A	3.25 A	3.25 A	3.25 A	3.25 A	3.25 A	3.25 A	3.25 A
Contact Form	A = Normal Open; B = Normal Closed; C = Changeover;								
✱ As per customer specification these values can be increased , by default min. Values are given from the factory.									
✱ The model shape and colors can be changed anytime as per our manufacturing but the quality and specifications will be maintained.									

As a result of our policy of continual improvement, the information in this document is subject to change without any notice and it is intended only as general guidance on product performance and suitability. This information shall not form part of any contract.

our product should be installed by a qualified personnel only, therefore any use of this application is at the installer's own risk and should be accessed appropriately.

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