



## Magnet Activated

### FEATURES

The **TMS-D** is a compact, tubular magnet sensor. It offers a high sensitivity to magnetic field and a high switching speed. Many types of magnets including electromagnets can be used for actuation. Sourcing and sinking options in both normally open and normally closed configurations are offered, reverse polarity protection is included on all models.

### ORDERING DATA

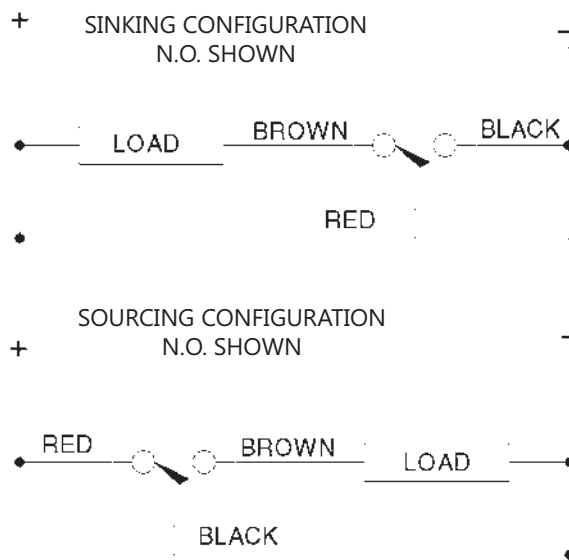
#### ORDERING CODES

<b>TMS - D101</b>	N.C. NPN sinking output
<b>TMS - D102</b>	N.O. NPN sinking output
<b>TMS - D103</b>	N.C. PNP sourcing output
<b>TMS - D104</b>	N.O. PNP sourcing output

### SPECIFICATIONS

<b>INPUT</b>	<b>VOLTAGE:</b> 9 to 26 VDC, 10% ripple allowed <b>SUPPLY CURRENT:</b> $\leq 20$ mA @ 24VDC
<b>OUTPUT</b>	<b>MAX. LOAD CURRENT:</b> 100 mA (continuous) <b>VOLTAGE DROP:</b> $\leq 2$ VDC
<b>SENSING</b>	<b>SENSING DISTANCE:</b> up to 1 inch <b>FIELD STRENGTH TO ACTUATE:</b> $\geq 30$ Gauss <b>SWITCHING FREQUENCY:</b> 50 kHz (resistive load)
<b>PHYSICAL</b>	<b>TEMPERATURE RANGE:</b> $-40^{\circ}\text{C}$ to $+85^{\circ}\text{C}$ <b>HOUSING MATERIAL:</b> Diallyl Phthalate <b>ENVIRONMENTAL RATING:</b> NEMA 1,3,4,4x,6,13,IP67 <b>TERMINATION:</b> 2m PVC insulated cable 3x24 AWG

### WIRING



### DIMENSIONS inches(millimeters)

