## EDWARDS



## 1/4" Diameter Switch With Wire Leads 1055 Series

## Applications

- Economical
- Versatile
- Fits in limited space


## General Specifications



| Enclosure | ABS Plastic |
| :--- | :--- |
| Temperature Range | $-40^{\circ} \mathrm{F}$ to $150^{\circ} \mathrm{F}\left(-40^{\circ} \mathrm{C}\right.$ to $\left.65^{\circ} \mathrm{C}\right)$ |
| Environmental | Hermetically Sealed Reed Switch |
|  | Encapsulated in Polyurethane |
| NEMA Rating | $1,2,3,4,4 x, 5,6,12$ |
| Protection Class | IP 67 |
| Response Time | 1 msec max. |
| Life Cycles | 100,000 Under Full Load, |
|  | $10,000,000$ Under Dry Circuit |
| Lead Types/O.D. | \#22 wire $/ 0.05^{\prime \prime}(0.15 \mathrm{~cm})$ |
| Color | Natural |
| UL/ULC Listed | All Models |


| Order Information | Electrical Specifications |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part Number | Contact ${ }^{1}$ <br> Configuration | Load Rating <br> (AC/DC) | Switching Voltage <br> (AC/DC) | Switching Current <br> (AC/DC) | Contact <br> Resistance | Sense Range ${ }^{2}$ <br> Nominal | Lead <br> Length |
| $1055-N$ | N.O. | $7.5 \mathrm{~W} / \mathrm{VA}$ | 100 V | 0.5 A | 0.2 Ohms | $0.5^{\prime \prime}(1.3 \mathrm{~cm})$ | $1^{\prime}$ |
| $1055 \mathrm{~W}-\mathrm{N}$ | N.O. | $7.5 \mathrm{~W} / \mathrm{VA}$ | 100 V | 0.5 A | 0.2 Ohms | $1.3^{\prime \prime}(3.2 \mathrm{~cm})$ | $1^{\prime}$ |

1 Configuration with actuator away from the switch
${ }^{2}$ Proximity of ferrous materials usually reduces sense range - typically by $50 \%$. The shape and type of material cause a wide diversity of effects. Testing is required to determine actual sense range for specific applications.
Gap distances are nominal make distance $\pm 20 \%$. Gap Specifications are for switch to make. Break distance is approximately 1.1 to 1.5 times make.

