### **EDWARDS**



## 1/4" Diameter Switch With Wire Leads

#### 1055 Series

#### **Applications**

- Economical
- Versatile
- · Fits in limited space

# 1.13" \_\_\_\_\_\_ 1.25" \_\_\_\_\_ 3.18cm \_\_\_\_\_\_ 0.25" \_\_\_\_\_\_ 0.64cm

#### **General Specifications**

Enclosure ABS Plastic

Temperature Range -40°F to 150°F (-40°C to 65°C)

Environmental Hermetically Sealed Reed Switch

Encapsulated in Polyurethane

NEMA Rating 1, 2, 3, 4, 4x, 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" (0.15cm)

Color Natural UL/ULC Listed All Models



Order Information		<b>Electrical Specifications</b>					
Part Number	Contact <sup>1</sup> Configuration	Load Rating (AC/DC)	Switching Voltage (AC/DC)	Switching Current (AC/DC)	Contact Resistance	Sense Range <sup>2</sup> Nominal	Lead Length
1055-N	N.O.	7.5W/VA	100V	0.5A	0.2 Ohms	0.5" (1.3cm)	1'
1055W-N	N.O.	7.5W/VA	100V	0.5A	0.2 Ohms	1.3" (3.2cm)	1'

<sup>&</sup>lt;sup>1</sup> Configuration with actuator away from the switch

Gap distances are nominal make distance ± 20%. Gap Specifications are for switch to make. Break distance is approximately 1.1 to 1.5 times make.

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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.