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**5925 I Seating Occupancy Reed Switch Sensor Features and Benefits****Features**

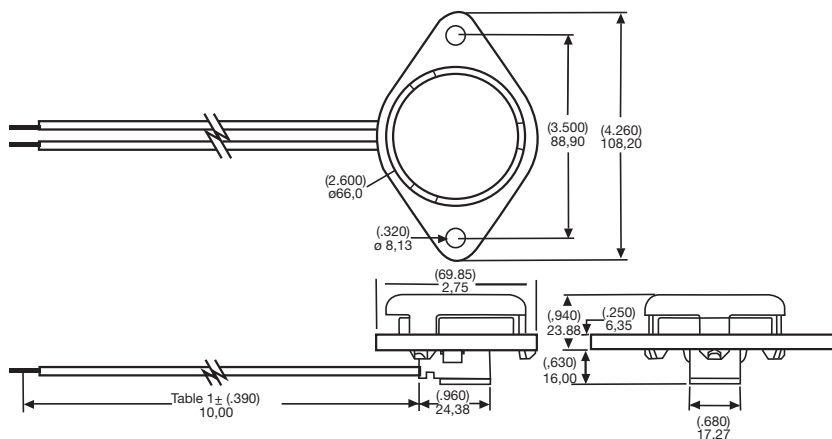
- Magnetically operated position sensor
- Simple push fit mounting
- Normally open contact
- Operates when plunger is depressed
- Choice of cable length
- Choice of connector
- Large integral dome

**Benefits**

- Robust construction makes this sensor well suited to harsh environments
- No standby power required
- Integral neoprene boot provides protection from severe environments
- Hermetically sealed, magnetically operated contacts give excellent life and reliability

**Applications**

- Seat occupancy sensing
- Position and limit sensing

**DIMENSIONS (in) mm****Switching Specifications**

| SPECIFICATIONS |                  |             |                    |
|----------------|------------------|-------------|--------------------|
| Switch Type    |                  |             | I                  |
| Contact Type   |                  |             | Normally open      |
| Contact Rating | Power            | Watts - max | 10                 |
| Voltage        | Switching        | max.        | 200Vdc 140Vac RMS  |
| Voltage        | Breakdown        | Vdc-min.    | 250                |
| Current        | Switching        | max.        | 0.5Adc 0.35Aac RMS |
| Current        | Carry            | max.        | 0.5Adc 0.35Aac RMS |
| Resistance     | Contact, Initial | 0hms-max.   | 0.2                |
| Resistance     | Insulation       | 0hms-min.   | 10 <sup>10</sup>   |
| Capacitance    | Contact          | pF-typ.     | 0.2                |
| Temperature    | Operating        | °C          | -40 to +85         |
| Temperature    | Storage          | °C          | -65 to +105        |
| Shock          | 11ms 1/2 Sine    | g-max.      | 100                |
| Vibration      | 50 - 2000Hz      | g-max.      | 30                 |

**Cable Length and Termination Specification**

| TABLE 1<br>CABLE LENGTH:<br>(Cable Type 18 AWG 19/30 PVC 105°C) |              | TABLE 2<br>Termination |                                  |
|-----------------------------------------------------------------|--------------|------------------------|----------------------------------|
| Select Option                                                   | Length Type  | Select Option          | Description                      |
| 01                                                              | (3.94) 100   | A                      | Tinned leads                     |
| 02                                                              | (11.81) 300  | B                      | Deutsch DTM04-2P                 |
| 03                                                              | (19.69) 500  | C                      | (0.25") 6.35mm Insulated Fastons |
| 04                                                              | (29.53) 750  |                        |                                  |
| 05                                                              | (39.37) 1000 |                        |                                  |

**Activation (without boot and dome)**

| TABLE 3<br>Operate Distance d1 (.217) 5.5mm max. Release Distance d2 (.059) 1.5mm min. |         |
|----------------------------------------------------------------------------------------|---------|
| Rest Position                                                                          | Operate |
|                                                                                        | Release |

**ORDERING INFORMATION**

|               |         |
|---------------|---------|
| Series 5925 I | 5925 I  |
| Switch Type   | I       |
| Sensitivity   | S       |
| Cable Length  | Table 1 |
| Termination   | Table 2 |

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