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59250 Seating Occupancy Reed Switch Sensor Features and Benefits**Features**

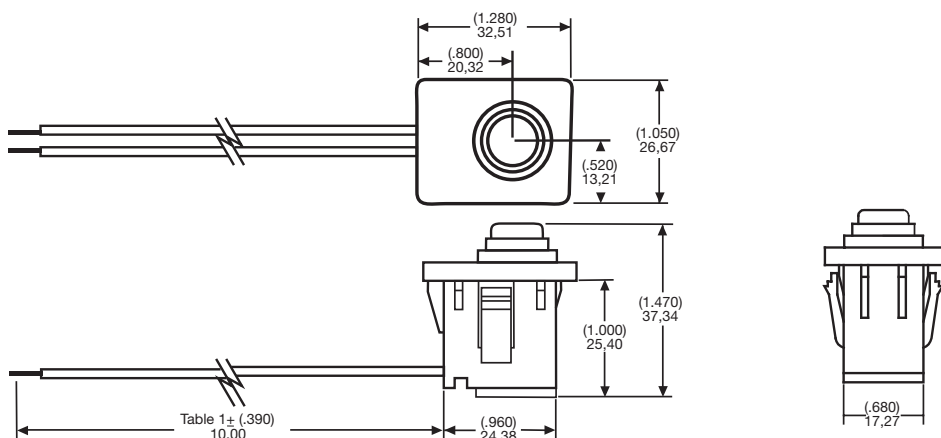
- Magnetically operated position sensor
- Simple push fit mounting
- Normally open contact
- Operates when plunger is depressed
- Choice of cable length
- Choice of connector

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 ¹⁰
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 CABLE LENGTH: (Cable Type 18 AWG1930 PVC 105°C)		TABLE 2 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)

TABLE 3 Operate Distance d1 (.217) 5.5mm max. Release Distance d2 (.059) 1.5mm min.	
Rest Position	Operate
Operate	Release

ORDERING INFORMATION

Series 59250	59250	-	I	-	S	-	XX	-	X
Switch Type									
Sensitivity									
Cable Length	Table 1								
Termination	Table 2								

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Issue No.1 Date 01/04/06 DCR 84230

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