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[59230-4-T-02-A](#)

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59230 Robust Lever Arm Sensor Features and Benefits



Features

- Sensor, magnet and vane contained in single housing
- Sensor operates when integral vane is depressed
- Choice of normally closed standard or normally closed high voltage contacts
- Choice of cable length and connector

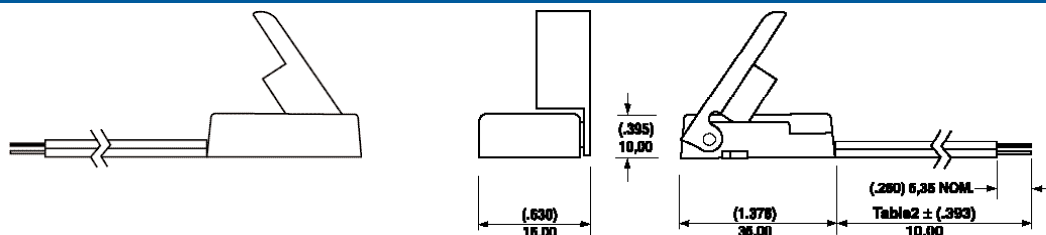
Benefits

- No standby power requirement
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contamination
- Simple installation and adjustment
- Single screw mounting

Applications

- Position and limit sensing
- Security system switch
- Door switch

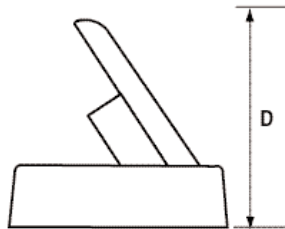
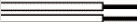
DIMENSIONS (in) mm



CUSTOMER OPTIONS - Switching Specifications

TABLE 1			Normally Closed	Normally Closed High Voltage
Contact Type				
Switch Type			4	5
Voltage	Power	Watt - max.	10	10
	Switching	Vdc - max.	200	300
Current	Breakdown	Vdc - min.	250	450
	Switching	A - max.	0.5	0.5
Resistance	Carry	A - max.	1.2	1.5
	Contact, Initial	Ω - max.	0.2	0.2
Capacitance	Insulation	Ω - min.	10 ¹⁰	10 ¹⁰
	Contact	pF - typ.	0.3	0.2
Temperature	Operating	°C	-40 to +105	-20 to +105
	Storage	°C	-65 to +105	-65 to +105
Time	Operate	ms - max.	1.0	1.0
	Release	ms - max.	1.0	1.0
Shock	11ms 1/2 sine	G - max.	100	100
Vibration	50-2000 Hz	G - max.	30	30

CUSTOMER OPTIONS - Cable Length and Termination Specification

TABLE 2		TABLE 3		ACTIVATION
Cable Type:- 14 AWG 10/30 PVC Fig 8		Termination Options:-		
Standard Lengths		SELECT OPTION	DESCRIPTION	
A or F	Tinned or untinned leads			
C	6.35mm fastons			

01	(3.94) 100
02	(11.81) 300
03	(19.69) 500
04	(29.53) 750
05	(39.37) 1000

Must Actuate (.965) 24,5 Must Release (1.335) 33,9

ORDERING INFORMATION

59230	-	X	-	T	-	XX	-	X
Series 59230								
Switch Type		Table 1						
Sensitivity								
Cable Length		Table 2						
Termination		Table 3						

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