

## 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
- Flying leads

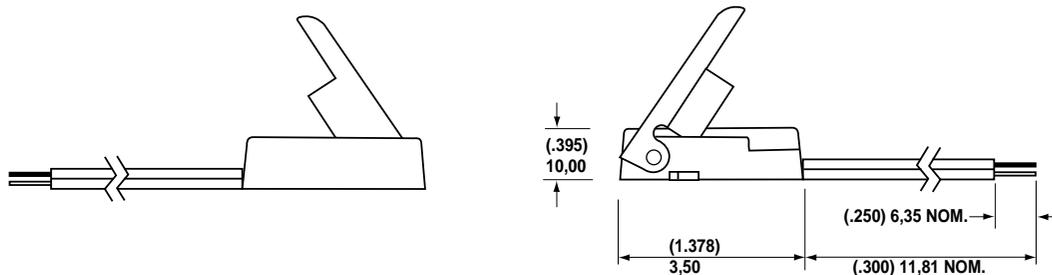
### Benefits

- 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

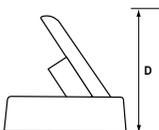
### Applications

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

### DIMENSIONS (in) mm



### Recommended Activating Positions:



Sensors		Sensor	
Must Actuate	Must Release		
(.965) 24,5	(.1.335) 33,9	59230-040	59230-050

Electrical Specifications and Operating Characteristics			Form B SPST-NC Standard	Form B SPST-NC High Voltage
Contact Rating		Watt - max.	10	10
Voltage	Switching	Vdc - max.	200	300
	Breakdown	Vdc - min.	250	450
Current	Switching	A - max.	0.5	0.5
	Carry	A - max.	1.2	1.5
Resistance	Contact, Initial	Ω - max.	0.2	0.2
	Insulation	Ω - min.	10 <sup>10</sup>	10 <sup>10</sup>
Capacitance	Contact	p F - typ.	0.3	0.3
Temperature	Operating	°C	-40 to + 105	-40 to + 105
	Storage	°C	-65 to + 105	-65 to + 105
Time	Operate	ms - typ.	1.0	1.0
	Release	ms - typ.	1.0	1.0
Shock	11ms 1/2 sine	G - max.	100	100
Vibration	50-2000 Hz	G - max.	30	30

Notes: 1. Flying Leads are 14 AWG 10/30 PVC, Fig 8. Leads are stripped (.250) 6,35, untinned.

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