

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

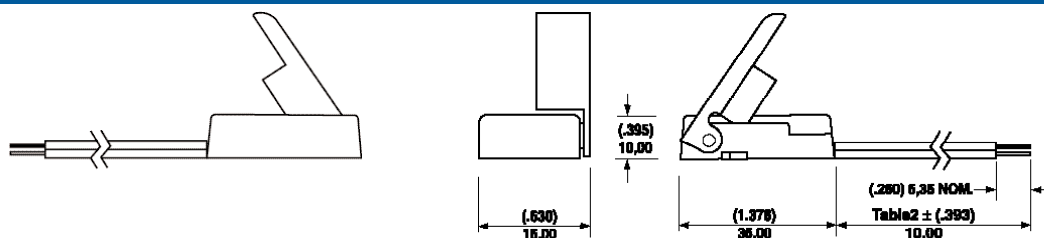
Benefits

- 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

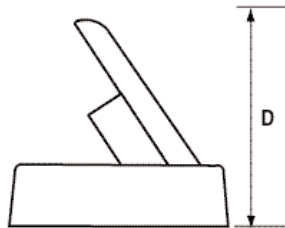
DIMENSIONS (in) mm



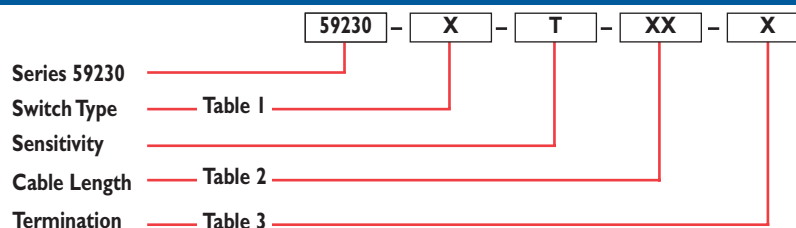
CUSTOMER OPTIONS - Switching Specifications

TABLE 1 Contact Type			Normally Closed	Normally Closed High Voltage
Switch Type			4	5
Power	Power	Watt - max.	10	10
	Switching	Vdc - max.	200	300
Voltage	Breakdown	Vdc - min.	250	450
	Switching	A - max.	0.5	0.5
Current	Carry	A - max.	1.2	1.5
	Contact, Initial	Ω - max.	0.2	0.2
Resistance	Insulation	Ω - min.	10 ¹⁰	10 ¹⁰
	Contact	pF - typ.	0.3	0.2
Capacitance	Operating	°C	-40 to +105	-20 to +105
	Storage	°C	-65 to +105	-65 to +105
Temperature	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	
SELECT OPTION	CABLE LENGTH (in) mm	A or F	Tinned or untinned leads	
01	(3,94) 100			
02	(11,81) 300			
03	(19,69) 500			
04	(29,53) 750			
05	(39,37) 1000	C	6.35mm fastons	
				Must Actuate (.965) 24,5 Must Release (1.335) 33,9

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