

File E61760(N)

**59210 Lever Arm Sensor Features and Benefits**



59210 Sensor

**Features**

- Clip mounting frame
- Shrouded terminal accepts Molex SL terminal or equivalent
- Low operating force
- Variety of arm configurations available (contact Hamlin)

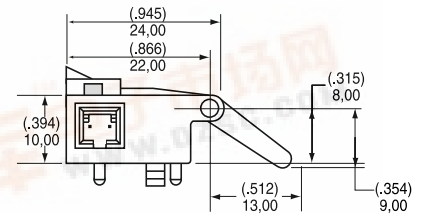
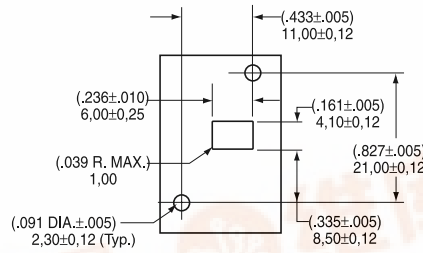
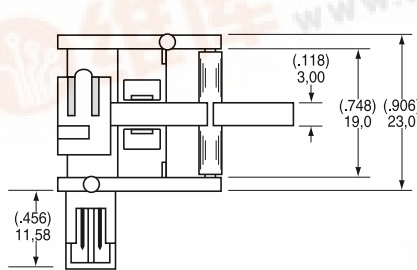
**Benefits**

- No standby power requirement
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contamination

**Applications**

- Paper path sensing
- Security system switching

**DIMENSIONS (in) mm**



BOARD MOUNTING DIMENSIONS  
MATERIAL (.063±.008 THICK)  
1,6±0,21

**CUSTOMER OPTIONS - Switching Specifications**

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

**ACTIVATION**

Must Actuate	Must Release
<15°	>2°

**ORDERING INFORMATION**



Series 59210  
Switch Type  
Sensitivity

Table 1

Notes 1) 59210 is normally closed when the spring loaded arm is at rest. Actuate and release points refer to arm rotation from the rest position.

2) Connectors match Molex® SL connector or equivalent. Purchase housing and pins from connector supplier. Assembly required.

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