

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)

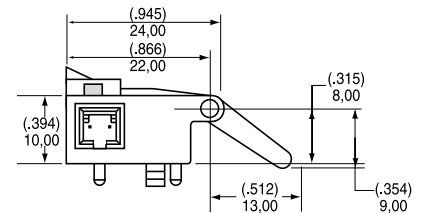
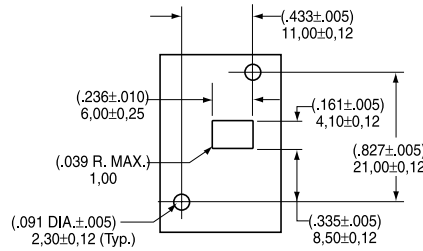
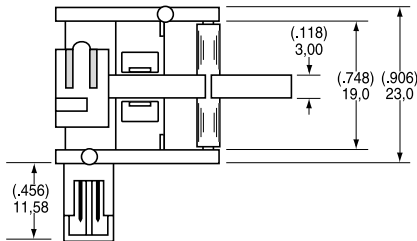
Benefits

- 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

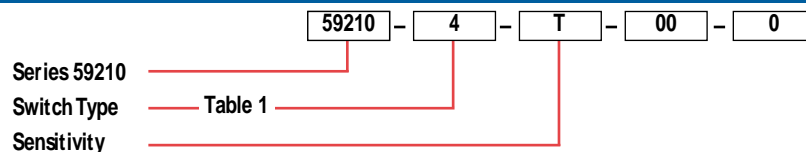
CUSTOMER OPTIONS - Switching Specifications

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 ¹⁰
	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



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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