

59075 Heavy Duty Features and Benefits



Features

- 2 Part Magnetically Operated Proximity Sensor
- Heavy Duty Stainless Steel Threaded Barrel with retaining nuts
- M12 by 1.00mm thread
- 5000mm (197") Heavy duty double insulated flying leads

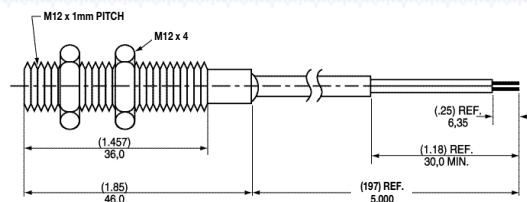
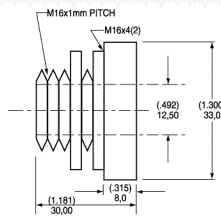
Benefits

- Robust construction makes this sensor well suited to harsh industrial environments
- Simple installation and adjustment using supplied retaining nuts
- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminium
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contamination

Applications

- Off road and heavy vehicles
- Farm machinery

DIMENSIONS



Recommended Activating Positions:



Sensors and Matching Actuators (Note 2)		Actuator	Sensor
Must Actuate	Must Release		
.393 (10,0)	1.18 (30,0)	57075-000	59075-010

Electrical Specifications and Operating Characteristics			Form A
Contact Type			SST-NO Standard
Contact Rating		Watt - max.	10
Voltage	Switching	Vdc - max.	200
	Breakdown	Vdc - min.	250
Current	Switching	A - max.	0.5
	Carry	A - max.	1.2
Resistance	Contact, Initial	- max.	0.2
	Insulation	- min.	10 ⁰
Capacitance	Contact	p F - typ.	0.3
Temperature	Operating	°C	-40 to + 105
	Storage	°C	-65 to + 105
Time	Operate	ms - typ.	1.0
	Release	ms - typ.	1.0
Shock	11ms 1/2 sine	G - max.	100
Vibration	50-2000 Hz	G - max.	30

- Notes:
1. Flying Leads
 2. Order Actuators as a separate item.
 3. 59075 PVC Double Insulated Cable, BS 6500, 3A 16/0.2 (0.5mm)

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