

**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

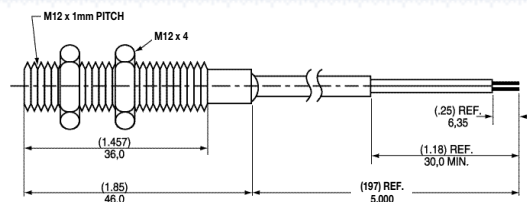
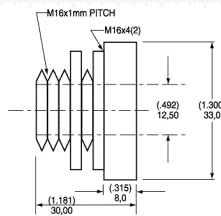
**Benefits**

- 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

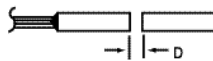
**Applications**

- Off road and heavy vehicles
- Farm machinery

**DIMENSIONS**



**Recommended Activating Positions:**



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

Electrical Specifications and Operating Characteristics			Form A SST-NO Standard
<b>Contact Type</b>			
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 <sup>0</sup>
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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