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59075 Heavy Duty Stainless Steel Threaded Barrel Features and Benefits

Features

- 2 part magnetically operated proximity sensor
- Heavy duty stainless steel threaded barrel with retaining nuts
- M12 by 1.00mm thread
- Choice of normally open, high voltage or change over contacts
- Customer defined sensitivity
 Choice of cable length and
- Choice of cable length and connector

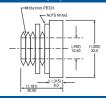
Benefits

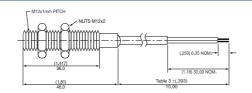
- Robust construction makes this sensor well suited to harsh industrial environments
- Simple installation and adjustment using supplied retaining nuts
- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminium

Applications

- Off road and heavy vehicles
- Farm machinery

DIMENSIONS (in) mm

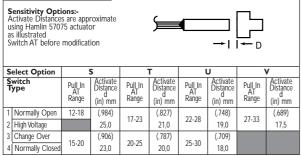




SCHEMATICS	Switch Type	
Blue Brown	1 & 2	
Black Blue Red	3	
Blue Brown	4	

TABLE I Contact Type Switch Type		Normally	Normally Open	Change	Normally	
		Open 1	High Voltage	Over 3	Closed 4	
Voltage	Switching	Vdc - max.	200	300	175	175
	Breakdown	Vdc - min.	250	450	200	200
Current	Switching	A - max.	0.5	0.5	0.25	0.25
	Carry	A - max.	1.2	1.5	1.5	1.5
Resistance	Contact, Initial	Ω - max.	0.2	0.2	0.2	0.2
	Insulation	Ω - min.	10 ¹⁰	10 ¹⁰	10°	10°
Capacitance	Contact	pF - typ.	0.3	0.2	0.3	0.3
Temperature	Operating	°C	-40 to + 8 5	-20 to +85	-40 to +85	-40 to +85
	Storage	°C	-65 to + 8 5			
Time	Operate	ms - max.	1.0	1.0	3.0	3.0
	Release	ms - max.	1.0	1.0	3.0	3.0
Shock	11ms 1/2 sine	G - max.	100	100	50	50
Vibration	50-2000 Hz	G - max.	30	30	30	30

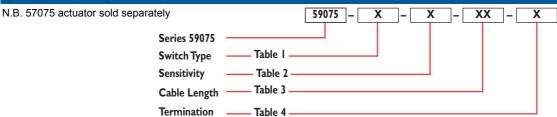
CUSTOMER OPTIONS - Sensitivity, Cable Length and Termination Specification



Cable Type:- BS 6500 3A 16/0.2 PVC DOUBLE INSULATED Standard Lengths		
SELECT OPTION	CABLE LENGTH (in) mm	
01	(3,94) 100	
02	(11,81) 300	
03	(19,69) 500	
04	(29,53) 750	
05	(39,37) 1000	

TABLE 4 Termination Options:-					
SELECT OPTION	DESCRIPTION (2 WIRE VERSIONS ILLUSTRATED)				
A or F	Tinned or untinned leads	==			
С	6.35mm fastons				

ORDERING INFORMATION



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TABLE 2

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