

File E61760(N) 59135 High Temperature Flange Mount Features and Benefits



Features

- 2 Part Magnetically Operated Proximity Sensor
- High temperature, rated to 200oC
- Cross-slotted mounting holes for optimum adjustability
- Standard,high voltage or change over contacts
- 300mm (12") Teflon leads

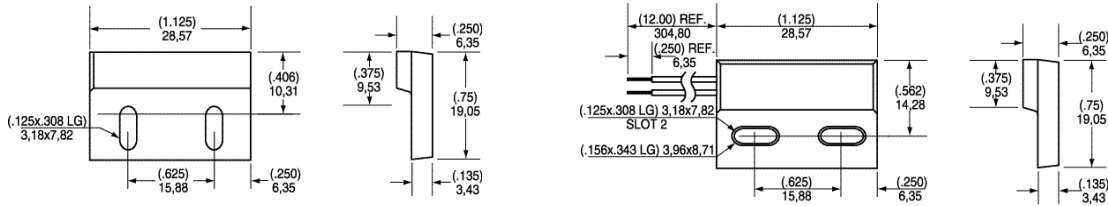
Benefits

- 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
- Simple installation and adjustment

Applications

- Position and limit sensing
- Security system switch
- Linear actuators
- Door switch

DIMENSIONS



Recommended Activating Positions:



Sensors and Matching Actuators (Note 2)		Actuator	Sensor		
Must Actuate	Must Release				
.350 (8,89)	1.15 (29,21)	57135-000	59135-010	59135-020	59135-030

Electrical Specifications and Operating Characteristics			Form A SPT-NO Standard	Form A SPT-NO High Voltage	Form C SPT-CO Standard
Contact Rating		Watt - max.	10	10	5
Voltage	Switching	Vdc - max.	200	300	175
	Breakdown	Vdc - min.	250	450	200
Current	Switching	A - max.	0.5	0.5	0.25
	Carry	A - max.	1.2	1.5	1.5
Resistance	Contact,Initial	- max.	0.2	0.2	0.2
	Insulation	- min.	10 ¹⁰	10 ¹⁰	10 ⁷
Capacitance	Contact	p F - typ.	0.3	0.2	0.3
Temperature	Operating	°C	-40 to + 105	-20 to + 105	-40 to + 105
	Storage	°C	-65 to + 105	-65 to + 105	-65 to + 105
Time	Operate	ms - typ.	1.0	1.0	1.0
	Release	ms - typ.	1.0	1.0	1.0
Shock	11ms 1/2 sine	G - max.	100	100	50
Vibration	50-2000 Hz	G - max.	30	30	30

Notes: 1.Flying Leads **59135-010,59135-020** 20 AWG 19x32 teflon insulated,200 degree C, 300 vdc, UL1180/UL1332
59135-030 material same as above, colors white-common, red-normally open,blue-normally closed
 2.Order Actuators as a separate item.
 3. Underwriters Laboratories recognition. For details on electrical specifications,contact Hamlin,Inc.

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Breed Electronics USA Tel: 001 920 648 3000 • Fax:001 920 648 3001 • Email: sales@hamlin.com
Breed Electronics UK Tel: +44 (0)1379 649700 • Fax:+44 (0)1379 649702 • Email: uksales@breedtech.com
Breed Electronics Germany Tel: +49 (0) 6181 953660 • Fax:+49 (0) 6181 9536666 • Email: hamlin-electronics.de@breedtech.com
Breed Electronics France Tel: +33 1 46 87 02 02 • Fax:+33 1 46 86 67 86 • Email: hamectrol@hamectrol.fr