

59036 Clamp Sensor Features and Benefits



Features

- Sensor with integral clamping feature
- Suitable for mounting on 15mm Ø pipework
- Choice of contacts
- Choice of connector
- Customer defined cable length

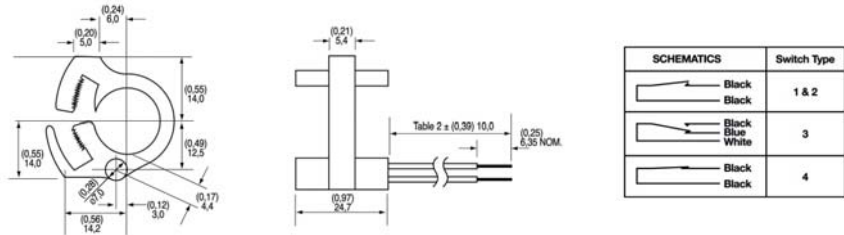
Benefits

- No standby power required
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contamination
- Quick and simple clip fit feature

Applications

- Position and limit sensing
- Linear actuators
- Industrial Process Control
- Liquid level control

DIMENSIONS (in) mm



CUSTOMER OPTIONS - Switching Specifications

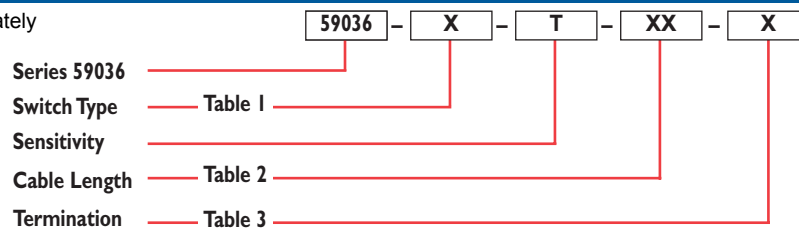
TABLE I			Normally Open	Normally Open High Voltage	Change Over	Normally Closed
Contact Type			1	2	3	4
Switch Type						
Power	Power	Watt - max.	10	10	5	5
	Switching	Vdc - max.	200	300	175	175
Voltage	Breakdown	Vdc - min.	250	450	200	200
	Switching	A - max.	0.5	0.5	0.25	0.25
Current	Carry	A - max.	1.2	1.5	1.5	1.5
	Contact, Initial	Ω - max.	0.2	0.2	0.2	0.2
Resistance	Insulation	Ω - min.	10 ¹⁰	10 ¹⁰	10 ⁷	10 ⁷
	Contact	pF - typ.	0.3	0.2	0.3	0.3
Capacitance	Operating	°C	-40 to +105	-20 to +105	-40 to +105	-40 to +105
	Storage	°C	-65 to +105	-65 to +105	-65 to +105	-65 to +105
Temperature	Operate	ms - max.	1.0	1.0	3.0	3.0
	Release	ms - max.	1.0	1.0	3.0	3.0
Time	11ms 1/2 sine	G - max.	100	100	50	50
Shock	50-2000 Hz	G - max.	30	30	30	30
Vibration						

CUSTOMER OPTIONS - Cable Length and Termination Specification

TABLE 2		TABLE 3		ACTIVATION
Cable Type:- 24 AWG 7/32 PVC 105°C UL1430/UL1569		Termination Options:-		Using Hamlin 57025 actuator as illustrated below
Standard Lengths		SELECT OPTION	DESCRIPTION (2 WIRE VERSIONS ILLUSTRATED)	
SELECT OPTION	CABLE LENGTH (in) mm	A or F	Tinned or untinned leads	
01	(3,94) 100			
02	(11,81) 300	C	6.35mm fastons	
03	(19,69) 500	D	AMP MTE 2.54mm pitch	
04	(29,53) 750	E	JST XHP 2.5mm pitch	
05	(39,37) 1000			

ORDERING INFORMATION

N.B. 57025 actuator sold separately



Hamlin USA Tel: +1 920 648 3000 • Fax: +1 920 648 3001 • Email: sales.us@hamlin.com
Hamlin UK Tel: +44 (0)1379 649700 • Fax: +44 (0)1379 649702 • Email: sales.uk@hamlin.com
Hamlin Germany Tel: +49 (0) 6181 953660 • Fax: +49 (0) 6181 953666 • Email: sales.de@hamlin.com
Hamlectrol France Tel: +33 (0) 1 4687 0202 • Fax: +33 (0) 1 4686 6786 • Email: sales.fr@hamlin.com

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