



Switching, Sensing and Control Solutions

from GENTECH INTERNATIONAL LTD

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PSS SERIES POSITION SENSOR

DESIGN FEATURES

- *Adaptable design*
- *Reed switch fully encapsulated to IP65*
- *Flying lead or fast-on termination*
- *Nylon 6.6 construction*
- *Shunt operation*

The Gentech PSS U-shaped magnetic reed switch sensor features fixed poles for easy set-up and adjustment in a variety of applications. The sensor operates when a piece of metal is introduced between the forks of the sensor, interrupting the field to close or open the switch.



Operational Characteristics

Contact Configuration		SPST (Normally Closed)
Contact ratings		
Maximum (resistive loads)	Volts DC	500
	Amps	1.0
	Watts	15
Minimum withstand across open contacts		
	Volts	800
Initial contact resistance	Ohms	0.5

The above contact ratings are for resistive loads. For inductive, capacitive and tungsten filament lamp loads refer to the circuit protection notebook.

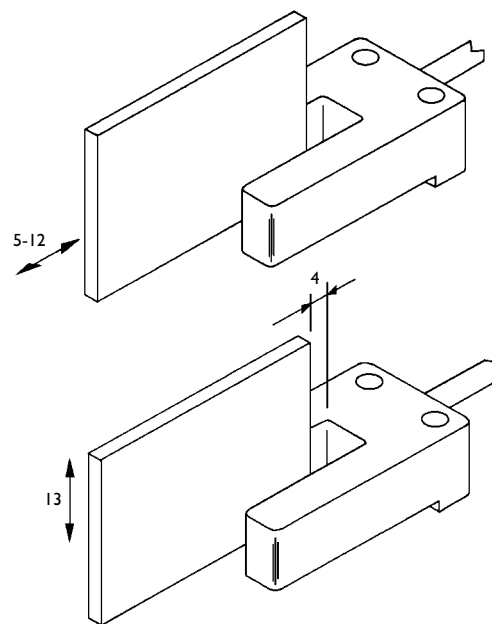
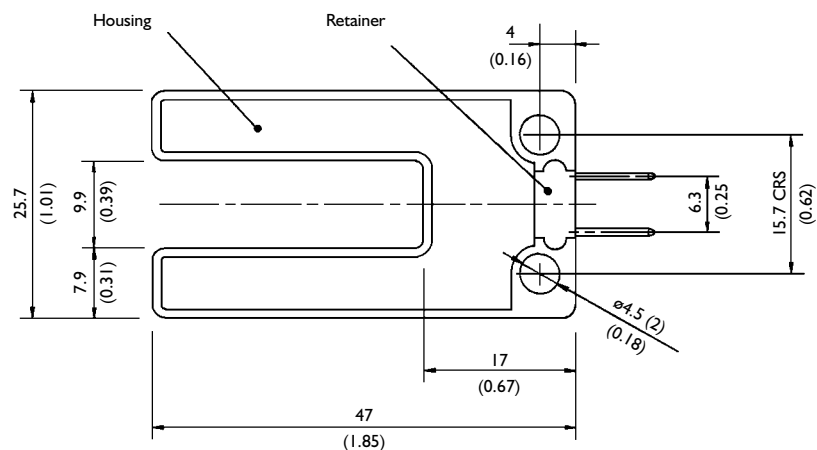
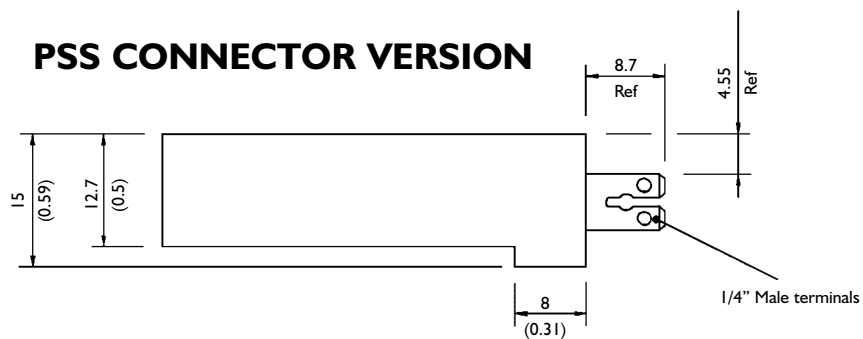
TYPICAL APPLICATIONS

- *Door interrupt systems*
- *Open/interlock machinery lid indication*
- *Rotational counting*

Electrical Connections

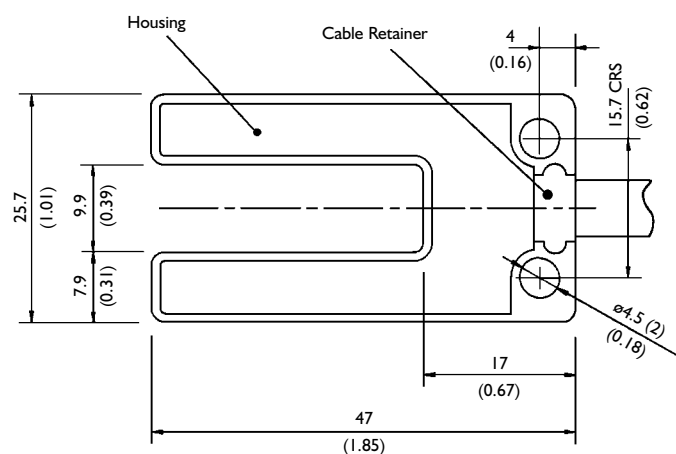
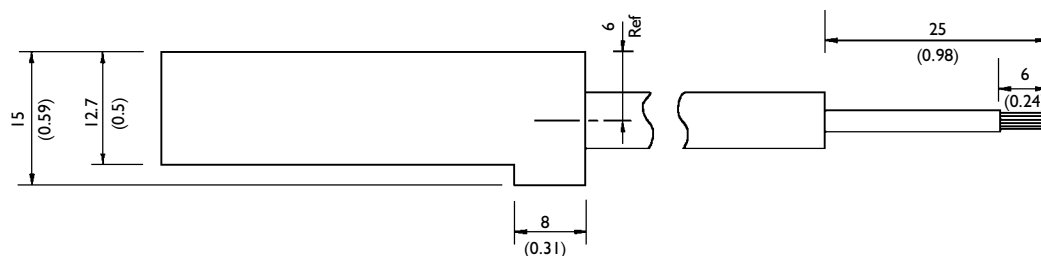
Fast-on terminals or 0.5 metre of 2 core round 16/0.2mm cable

PSS CONNECTOR VERSION



Shunt operation

PSS CABLE VERSION



Mains Flex - 2 core round
16/0.2mm (0.5mm²) - White
x0.5 (19.69) metre long

NOTE: Cable to be fully encapsulated in resin

Installation

Please contact Sales at Gentech for installation instructions (Ref. FI 1000-RI)

Applications

Please contact Sales at Gentech for applications relating to this product group.



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