

Switching, Sensing and Control Solutions

from GENTECH INTERNATIONAL LTD

Grangestone Industrial Estate, Girvan, Ayrshire KA26 9PS United Kingdom

Telephone: +44 (0) 1465-713581. Fax: +44 (0) 1465 714974


Email: sales@gentech-international.co.uk

Website: gentechinternational.com

PS830 SERIES STAINLESS STEEL CYLINDRICAL POSITION SENSOR



DESIGN FEATURES

- *Magnetic Reedswitch*
- *Robust Construction*
- *Stainless Steel Housing*
M10 Threaded
- *Reedswitch in 15 watt unit*
pilot duty 
- *Fully Potted*
- *Easy Installation*
- *Repeatable & Reliable*
- *Temperature range -30°C*
to +130°C
- *Easy fittings with locknuts*
supplied

Typical Applications

- *security switching*
- *interlocking*
- *Pulse Generation*
- *Material Handling*
- *Actuator Positioning*

Operating Characteristics

	PS831	PS832	
Contact Configuration	SPST	SPST	
Contact ratings maximum (resistive loads)			
Volts DC	100	100	
Volts AC	250	70	
Amps	1.0	0.3	
Watts	15	3	
Minimum withstand across open contacts	Volts DC	800	200
Initial contact resistance	Ohms	0.25	0.25

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

Environmental Specifications

PS8 SENSOR	PS831/832	
HOUSING MATERIAL	Stainless Steel	
OPERATING TEMPERATURE	SENSOR	-30°C to +130°C
OPERATING TEMPERATURE	CABLE	-30°C to + 70°C

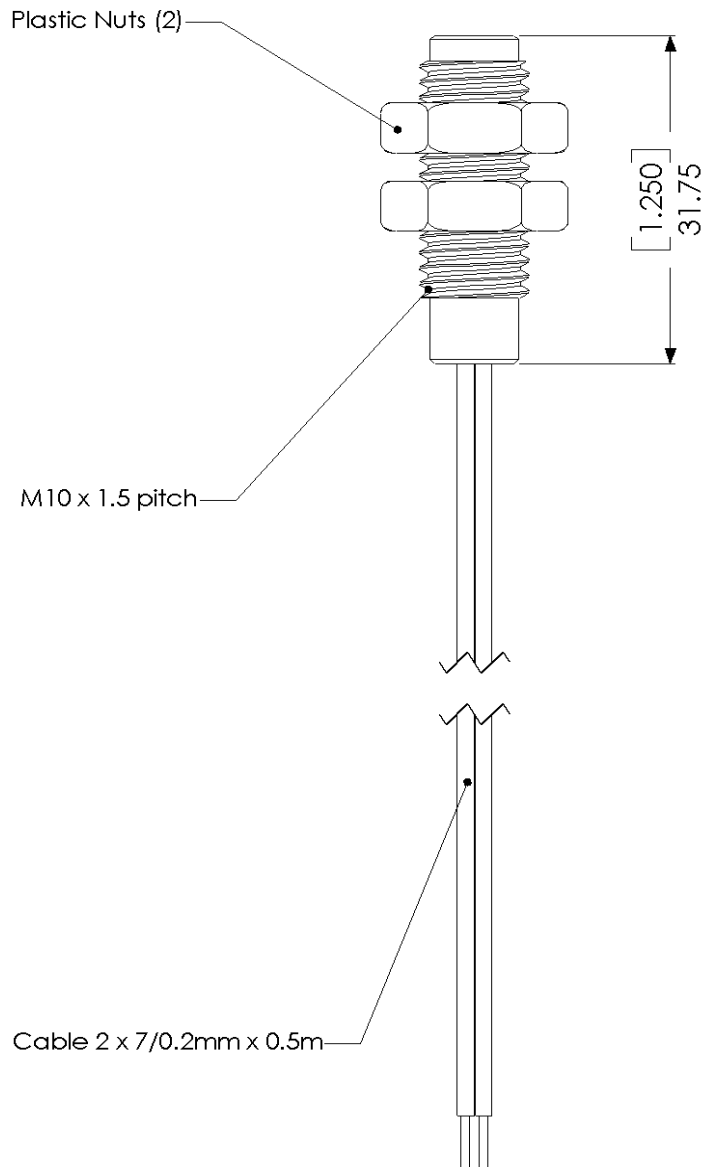
Mechanical Specifications

For Reed	Shock	Vibration
Switches	50g for 11ms	35g up to
Only	duration	500 HZ

Electrical Connections

Fitted with 2 x 0.5 metres (19.69") of single insulated 7/0.2mm PVC Insulated cable.

Dimensions



Installation & Applications

Please contact our Technical Sales Team for Installation details or assistance related to the application of this sensor



GENTECH INTERNATIONAL LTD
Grangestone Industrial Estate, Girvan, Ayrshire KA26 9PS, United Kingdom
Telephone: +44 (0) 1465-713581 Fax: +44 (0) 1465-714974
Email: sales@gentech-international.co.uk
Website: www.gentechinternational.com