

POSITION SENSOR

PS5 Series – Cylindrical Proximity Sensor

PS501

Design Features

- Adjustable operated PM5 Magnet
- Totally encapsulated
- Repeatability of operation
- Shunt or direct magnet operation
- Multiple Mode of Operation



Product Comments

- Nylon housing
- Normally Open
- Cylindrical 6.16mm dia - 31.75mm long
- Fully encapsulated
- Matching Package Operating Magnet PM5

Typical Applications

- Door Interlocks
- Hook Switches
- Security Systems
- Safety Interlocks
- Position Indication

Material, Design and Operation

Mounting:	Cylindrical
Material:	30% Glass Filled Nylon
Contact Form:	Form A - SPST
Contact Material:	Ruthenium
Maximum Switching Volts:	250 VAC
Maximum Switching Current:	1.0A
Switching Action:	SPST
Maximum Power:	15 Watts
Housing Temperature Range °C:	130
Connection Type:	Stripped Cables
Cable Type:	2 x 24AWG, 7/0.2mm PVC Insulated 0.5M long
Operating Temperature Range °C:	70
Actuation Method:	Magnetic
Mounting Shock:	50g for 11ms duration
Mounting Vibration:	35g up to 500Hz
Operate Distance:	10mm
Magnetic Approach:	End Operate
Matching Package:	End Operate

Line Drawing

