POSITION SENSOR

PS8 Series – Threaded Proximity Sensor
PS811

Design Features

- Adjustable in conjunction with PM81 Magnet
- Move to target via lock nuts and through chassis mounting
- High repeatability
- Shunt or direct magnet operation
- Multiple Mode of Operation

Product Comments

- Threaded Barrel Mounted
- Normally Open
- Nylon 6.6 Material Housing
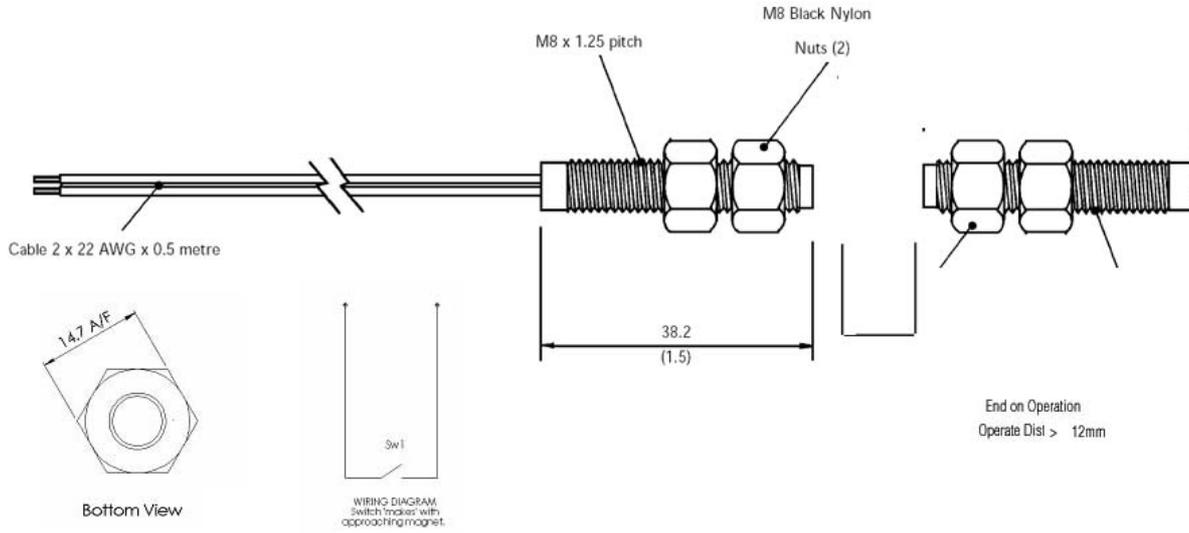- Overall length 38.2mm Threaded Area
- fitted with 2 lock nuts

Typical Applications

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

Material, Design and Operation	
Mounting:	Threaded
Material:	Nylon 6.6
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 ºC:	110
Connection Type:	Stripped Cables
Cable Type:	2 core 1.5 Metres long
Operating Temperature Range ºC:	110
Actuation Method:	Magnetic
Mounting Shock:	50g for 11ms duration
Mounting Vibration:	35g up to 500Hz
Magnetic Approach:	End Operate

Line Drawing

M8 Black Nylon

M8 x 1.25 pitch

Nuts (2)

Cable 2 x 22 AWG x 0.5 metre

38.2
(1.5)

14.7 A/F

Bottom View

Sw1

WIRING DIAGRAM
Switch 'makes' with
approaching magnet.

End on Operation
Operate Dist > 12mm

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Proximity Sensors *category:*

Click to view products by Gentech *manufacturer:*

Other Similar products are found below :

01.001.5653.1 70.340.1028.0 70.360.2428.0 70.364.4828.0 70.810.1053.0 72.360.1628.0 73.363.6428.0 9221350022 980659-1 QT-12 E2EX10D1NN E2E-X14MD1-G E2E-X2D1-G E2EX2ME2N E2E-X3D1-N 10M E2E-X4MD1-G E2FMX1R5D12M E2K-F10MC1 5M EI1204TBOSL-6 EI5515NPAP BSA-08-25-08 IC08ANC15PO-K IMM2582C 25.161.3253.0 25.332.0653.1 25.352.0653.0 25.352.0753.0 25.523.3253.0 9151710023 922FS1.5C-A4P-Z774 SC606ABV0S30 SM952A126100LE A1220EUA-T F3S-A162-U CL18 QT-08L 34.110.0010.0 TL-C2MF1-M3-E4 IA08BLF15NOM5 IA08BSF15NOM5 IA12ASF04DOM1 IMM32188C IS2 IS31SE5000-UTLS2-TR 34.110.0021.0 34.110.0022.0 CA150-120VACDC VM18VA3000Q XS508BSCBL2 XS512BLNAM12