

Model: ES-1122-F

Proximity/Limit Switch | Multi Voltage Volt Free Contacts | Latching Contacts | Low Temperature General Industrial Latching SPCO/SPDT

Our ES series switches are highly dependable, hermetically sealed position sensors for use in the most arduous and hazardous applications. They require the use of a magnetic target to operate.

Properties

Body Shape	Rectangular
Body Material	316L Stainless Steel
Contact Arrangement	SPDT/SPCO Form C Latching
Contact Material	Rhodium (Tungsten optional)
Dimensions	80mm x 20mm x 25mm c/w fixing screws
Connection	Polyolefin Cable
Conduit Entry	n/a
Termination	Cabled
Certification & Approvals	n/a
Hazardous Location	n/a
Gas Group	n/a
Dust Group	n/a
Temperature Class (T Rating)	n/a
Operating Temperature	-60°C to +125°C / -76°F to +257°F
Sensing Range with Magnet	Up to the maximum in the magnet table
Sensing Face Pressure Rating	2000psi / 138 bar
Environmental Protection	IP 66, 67 & 68 (24hrs at 30m)/ NEMA 4X & 6P
Safety Rating	SIL 2 / SC3
Actuation	Magnetically Actuated

Ratings

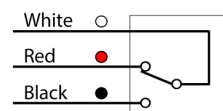
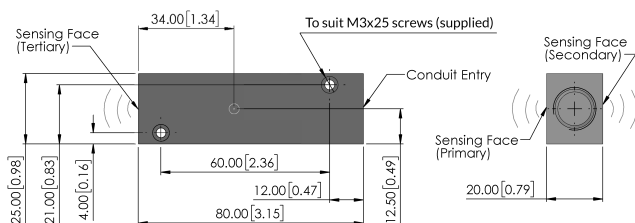
Supply Voltage	Max Switching Current	Max Voltage	Max switching Power
24 VDC	2.5A	400 V AC/DC	60W
110/120 VAC	540mA		
230/240 VAC	250mA		

Sensing Ranges

Sensing range depends on the magnetic target used. We have a large range of magnetic targets available. Please contact us for more information.

Magnet Part No.	Range mm (")
MA-1S	6 (0.24)
MA-2S	3 (0.12)
MA-3S	18 (0.71)
MA-4S	8 (0.31)
MA-7S	10 (0.39)

Dimensions



Supplied with 2m (79") of 3 core Polyolefin Cable. Custom lengths available on request. Cable OD: 6.8mm (0.268")

Certifications & Approvals

Certification	Compliance	Certificate No.
Safety Integrity Level (SIL)	IEC 61508:2010; SC3 SIL 2 with HFT=0 (1oo1) and SIL 3 with HFT =1 (1oo2)	FSP18015