

ES-1000 Series - Proximity Switch - Magnetic

Model: ES-1322

Proximity Switch - IECEx / ATEX Ex d/db/tb IIC / IIIC T6/T4 SPCO/SPDT

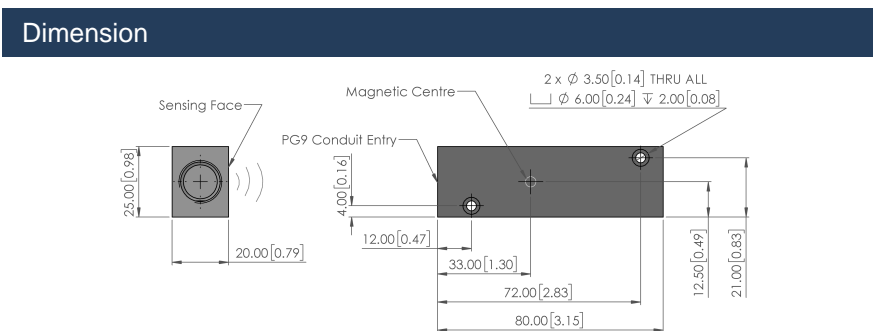
Our ES series proximity/limit switches are highly dependable, hermetically sealed position sensors for use in the most arduous and hazardous applications. They require the use of a magnetic target to operate.

Properties	
Body Shape	Rectangular
Body Material	316L Stainless Steel
Contact Arrangement	SPCO / SPDT (Form C)
Contact Material	Rhodium (Tungsten Optional)
Max Current	2.5A
Connection	Polyolefin Cable, PG9 Conduit Entry
Dimensions	80mm x 20mm x 25mm
Certification	IECEX / ATEX Ex d/db/tb
Hazardous Location	Zones 1, 2, 21 & 22
Gas Group	IIC
Dust Group	IIIC
Temperature Class (T Rating)	T6/T4
Operating Temperature	-60°C to +120°C / -76°F to +248°F
Environmental Protection	IP66, 67, 68
Safety Rating	SIL 2 / SC3
Actuation	Magnetically Actuated



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

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
	MA-2S	3
	MA-3S	18
	MA-4S	8
	MA-7S	10



Connection

Supplied with 2m of 3 core Polyolefin Cable. Custom lengths available on request. Cable OD: 6.8 mm

Certifications and Approvals		
Certification	Compliance	Certificate No.
ATEX	EN 60079-0: 2012 + A11:2013, EN 60079-1: 2014, EN 60079-31: 2014	Baseefa14ATEX0256
IECEX	IEC 60079-0 : 2011, IEC 60079-1 : 2014-06, IEC 60079-31 : 2013	IECEXBAS14.0121X
Safety Integrity Level (SIL)	IEC 61508:2010; SC3 † SIL 2 with HFT=0 (1oo1) and SIL 3 with HFT =1 (1oo2)	FSP18015