

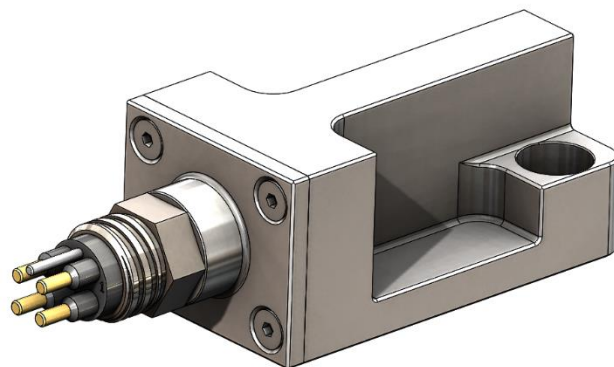
FS Series – Proximity Switch Ferrous

Model: FS-X226

Our FS limit switch uses an array of internal magnets to provide extremely reliable and accurate rotary position indication in arduous environments. They are designed to sense shaft mounted pucks containing magnetic inserts and provide two separate outputs for valve open and valve closed.

Properties

Body Shape	Rectangular
Body Material	Titanium Grade 5
Contact Arrangement	2x Normally Closed (Form A)
Contact Material	Palladium Silver
Maximum Current	4A
Connection	4 Pin Micro Circular Wet Mate (4SSM)
Mounting	M8 Socket Head Cap Screws (not supplied)
Certification	n/a
Hazardous Location	n/a
Gas Group	n/a
Dust Group	n/a
Protection Concept	n/a
Temperature Class (T Rating)	n/a
Operating Temperature	-20°C to +80°C
Environmental Protection	IP 66, 67, 68
Safety Rating	SIL 2 / SC3
Actuation	Ferrous/Magnetic Target Puck
Repeatability	Approx. 0.05mm (0.002")
Response Time	8 ms



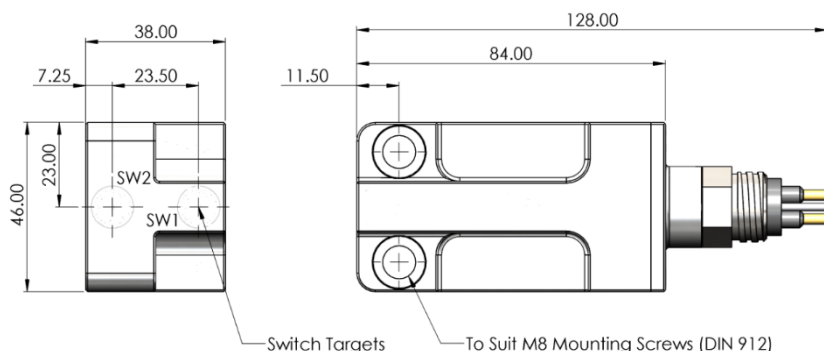
Ratings

Supply Voltage	Max. Switching Current	Max. Voltage
24 VDC	3A	230/240V AC/DC
110/120 VAC	4A	
230/240 VAC	2A	

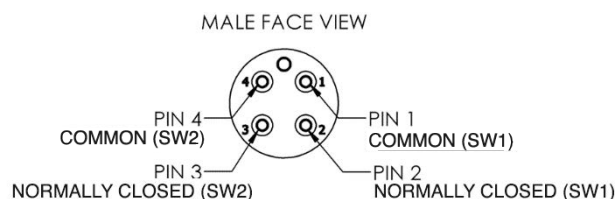
Sensing Ranges

Extended Sensing	Magnet	Range mm
Magnetic targets can be used to provide sensing range up to 12mm	MA-4	8

Dimensions



Electrical Connection



Certifications and Approvals

Certification	Compliance	Certificate No.
Safety Integrity Level (SIL)	IEC 61508:2010; SC3 SIL 2 with HFT=0 (1001) and SIL 3 with HFT =1 (1002)	FSP18015