

Proximity Switch | Explosion Proof / Flameproof
ATEX Ex d/db/tb, IECEx Ex d/db/tb IIC / IIIC T6 SPCO/SPDT

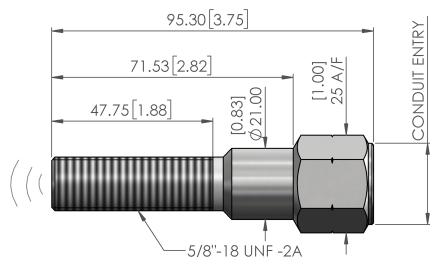
Properties	
Body Shape	Cylindrical
Body Material	316L Stainless Steel
Contact Arrangement	SPCO / SPDT (Form C)
Contact Material	Palladium-Silver
Mounting Thread	5/8"-18 UNF (52.56 mm / 2.07" long) c/w 2 x locknuts
Max Current	4A
Connection	PVC Leads
Conduit Entry	1/2" - 14 NPT
Termination	Lead wires with Earth
Certification & Approvals	IECEX/ATEX Ex d/db/tb
Hazardous Location	Zone 1, 2, 21 and 22
Gas Group	IIC
Dust Group	IIIC
Temperature Class (T Rating)	T6
Operating Temperature	-20°C to +70°C / -4°F to +158°F
Sensing Range with Magnet	<12mm (0.47")
Sensing Face Pressure Rating	2000psi / 138 bar
Environmental Protection	IP 66, 67 & 68 (24hrs at 30m)/ NEMA 4, 4X, 6 & 6P
Safety Rating	SIL 2 / SC3
Repeatability	Approx. 0.05mm (0.002")
Response Time	8 ms
Differential / Hysteresis	< 0.51mm (0.020")



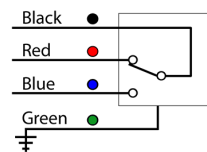
Ratings		
Supply Voltage	Max Switching Current	Max Voltage
24 VDC	3A	230 V AC/DC
110/120 VAC	4A	
230/240 VAC	2A	

Sensing Ranges		
Standard Sensing	Magnet Part No.	Range mm (")
Ferrous Material = 2.5mm (0.10")	MA-1S	4.0 (0.16)
Extended Sensing	MA-4S	8.0 (0.31)
Optional magnetic targets can be used to increase sensing range.	MA-7S	12.0 (0.47)
	MA-8S	8.0 (0.31)

Dimension



Connection



Supplied with 2m (79") of individual 18AWG PVC lead wires. Custom lengths available on request. Rated to 600V.