


Rev	Date	Description	Prepared	Checked	Co'nation	App'ved		
0	30.03.18	Issued for Execution	HVM	KBT	JB	BKP/GDS		
Instrument Specification for Limit Switch Box								
1	Type	Proximity Limit Switch Box for Open and Close position						
2	Make	Standard						
3	Model	STS						
4	Temperature Range	-2 to 65°C						
5	Humidity Range	0-95% RH non-condensing						
6	Mounting	On Top of Hand Operated Valve Body						
7	Housing Material	Aluminium Die-cast with powder coated						
8	Contact Type	Inductive						
9	Contact Form	Proximity, 2 wire						
10	Contact Rating	24V DC / 500mA						
11	Cable Entry Size	1/2" NPT(F) with Double Compression Cable Gland						
12	No of Entries	Two						
13	Terminals	Anti-vibration Clip on Type						
14	Area Classification	Hazardous Zone 2, IIA / IIB T3						
15	Enclosure Type	Ex-proof with weather proof IP66						
16	Certification	CCOE/CMRI/PESO Note-2						
17	Insulation Resistance	> 10 M Ohm at 500 VDC						
18	Output	PNP(Note -3)						
19	Local On/Off Indication	Required						
<p>Legend STS : Supplier to Specify</p> <p>Notes:- 1) Vendor has to submit the drawing of Hand Operated Valve with Limit Switch Box for approval. 2) SS Tag plate mentioning CCOE/CMRI/PESO Certification shall be provided 3) Output selection may be change as per finalized automation System.</p>								
<p>© Mott MacDonald This document should not be relied on or used in circumstances other than those for which it was originally prepared and for which Mott MacDonald was commissioned. Mott MacDonald accepts no responsibility for this document to any other party other than the person by whom it was commissioned.</p>								
Client DELHI AVIATION FUEL FACILITY PRIVATE LIMITED New Delhi					501 Sakar II, Near Ellisbridge Ahmedabad, 380006 India T +91(0) 79 2657 5550/99 F +91(0) 79 2657 5558 W www.mottmac.com			
Title specification for Proximity Limit Switch			Document No 322538-NSD-0184		Sheet 1 of 1			
Date	Prepared	Checked	Co'nation	App'ved	Document No	Sheet	Rev	Status
30.03.18	HVM	KBT	JU	BKP/GDS	322538-NSD-0184	1 of 1	0	EXE