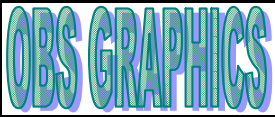



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	DATA SHEET OF MULTICRITERIA DETECTOR	PREPARED	PB	DOC. NO.: OBS/MCDT/01			2	
		CHECKED	KM	CONTRACT NO.:			3	
		APPROVED	MB	SHEET	1 OF 1		4	
		DATE		EQPT. NO.			5	
CLIENT:			PROJECT:				6	
SERVICE: FIRE ALARM SYSTEM		OPERATING MODE: CONTINUOUS / INTERMITTENT			SITE:		7	
LOCATION: INDOOR / OUTDOOR			AREA CLASSIFICATION: HAZARDOUS / NON HAZARDOUS				8	
NUMBER REQUIRED: AS PER BILL OF QUANTITIES							9	
<b>MULTICRITERIA DETECTOR</b>							10	
A	TECHNICAL PARAMITERS	DESCRIPTION					11	
1	Make	JOHNSON / SIEMENS / IAS MORLEY					12	
2	Type	Reflective					13	
3	Range	5 to 100 mtr.					14	
4	Sensitivity	ULI / ULC - 0.67% TO 3.77%					15	
5	Level 1	30% Obscuration					16	
6	Level 2	40% Obscuration					17	
7	Level 3	50% Obscuration					18	
8	Level 4	30% to 50%					19	
9	Level 5	30% to 50% Adjusting (Acclimate)					20	
10	Level 6	40% to 50% Adjusting (Acclimate)					21	
11	Maximum Angular Misalignm	Adjusting (Acclimate) Reflector : ± 10°					22	
B	Environmental Specificati						23	
1	Temperature Range	-20 ° C TO 60° C					24	
2	Humidity	0% to 93% Relative Humidity (Non-condensing)					25	
C	Mechanical Specification						26	
1	Dimensions (Without Facep	230mm x 178mm x 84mm					27	
2	Dimensions (With Faceplate	253mm x 193mm x 84mm					28	
3	Wiring	1 mmsquare to 2.5 mmsquare					29	
4	Adjustment Angle	± 10 Deg. Horizontal and Vertical					30	
D	Electrical Specification						31	
1	Voltage Range	15.2 TO 19.95 VDC (19 VDC NOMINAL)					32	
2	Average Standby Current	18mA					33	
3	Maximum Alarm Current	9mA					34	
4	Maximum Fault Current	8.5mA at 24 VDC					35	
5	Test Mode	500mA peak					36	
6	Relay Contact Ratings	0.5A at 30 VDC					37	
7	Remote Output (Alarm)	Voltage: 15 to 32 VDC					38	
		Dependent on supply					39	
		Current: 6mA to 15mA,					40	
		Limited by 2.2Koms Resistor					41	
E	Document Enclosed						42	
1	Catalogue	To be enclosed with the tender					43	
2	Approval Certificate	UL / ULC certificate to be enclosed with the tender					44	
G.A. DRG. NO.		VENDOR					45	
FLOW DIAG. NO.		VENDOR DRG. NO.					46	
PLANT LAYOUT DRG. NO.		FOUNDATION DRG.NO.					47	
SUPPORT DRG. NO.		CALCULATION SHEET NO.					48	
ORDER NO.							49	
							50	
							51	
P0	ISSUED FOR APPROVAL		OBS	PB			52	
REV	DESCRIPTION		BY	APPROVED	CLIENT APP	DATE	53	