

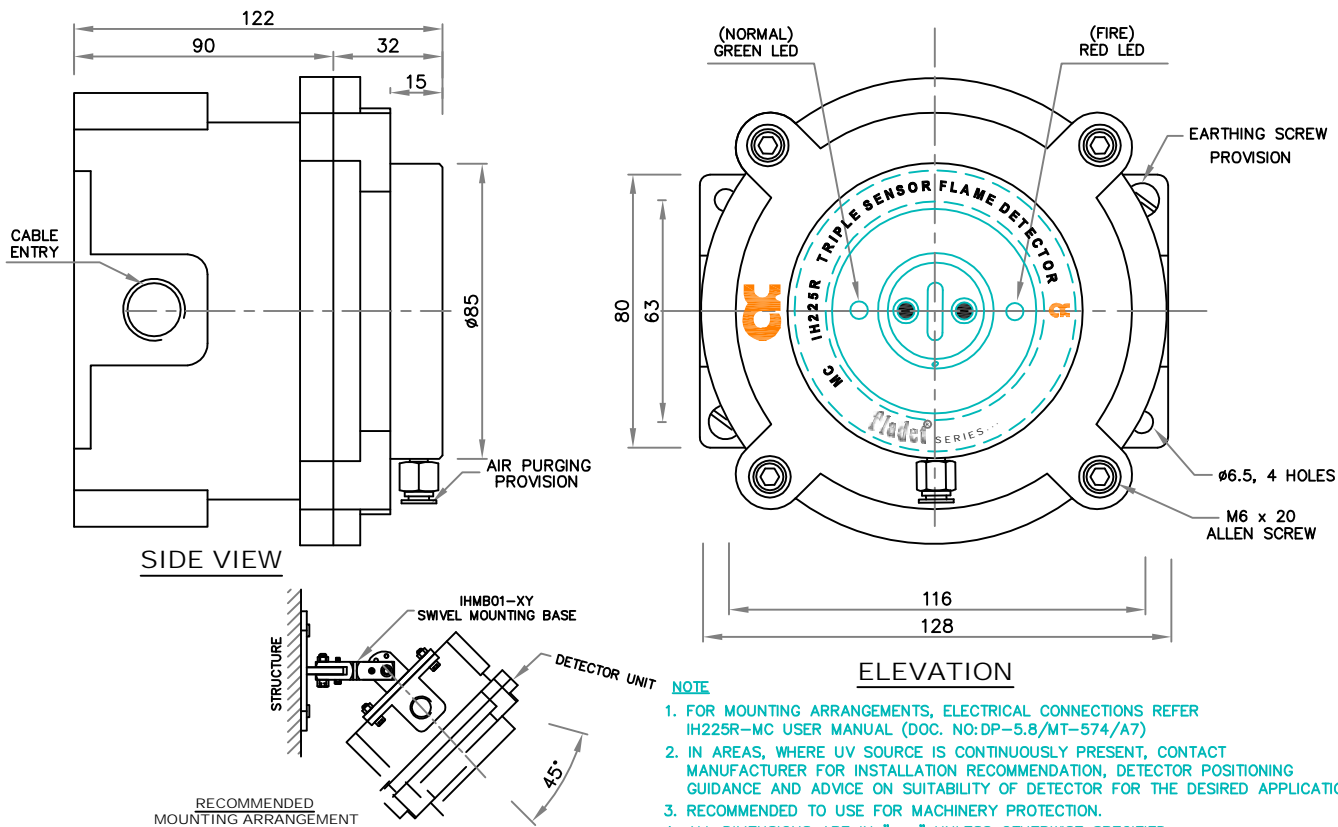
fladet[®] SERIES...

DATA SHEET	TRIPLE SENSOR FLAME DETECTOR	PART NO : IH225R-MC
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DOC. NO:DP-5.8/MT-574	DATE: DEC. 2020	REV : 00	SCALE : N.T.S	SHEET : 1 OF 1	APPD. BY :D.B
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INTRODUCTION :-

IH225R - MC IS A CUSTOM DESIGNED MODEL FOR FLAME DETECTION IN SHORT RANGE APPLICATIONS. THE DETECTOR CAN DETECT FLAME. THE DETECTOR HAS PROVISION TO CONNECT DIRECTLY TO ANY STANDARD FIRE ALARM PANEL OR TO CONNECT WITH ANNUNCIATOR OR PLC USING POTENTIAL FREE 'NO' CONTACTS. DETECTOR GIVE FIRE INDICATION AFTER COMPARING THE SENSOR OUTPUT FOR ACTUAL FIRE. THE DETECTOR IS PROVIDED WITH SENSITIVE SELECTOR SWITCH
NOTE : THIS DATASHEET CAN BE ALSO REFERRED AS DOC. NO: DP-5.8/CP-574



- NOTE**
1. FOR MOUNTING ARRANGEMENTS, ELECTRICAL CONNECTIONS REFER IH225R-MC USER MANUAL (DOC. NO:DP-5.8/MT-574/A7)
 2. IN AREAS, WHERE UV SOURCE IS CONTINUOUSLY PRESENT, CONTACT MANUFACTURER FOR INSTALLATION RECOMMENDATION, DETECTOR POSITIONING GUIDANCE AND ADVICE ON SUITABILITY OF DETECTOR FOR THE DESIRED APPLICATION.
 3. RECOMMENDED TO USE FOR MACHINERY PROTECTION.
 4. ALL DIMENSIONS ARE IN "mm" UNLESS OTHERWISE SPECIFIED.
 5. TOLERANCE ON DIMENSION ± 3 mm, UNLESS OTHERWISE SPECIFIED.

TECHNICAL SPECIFICATION

<ol style="list-style-type: none"> 01. MANUFACTURER 02. MATERIAL 03. FINISH 04. CABLE ENTRY 05. PROTECTION CLASS 06. SENSING ELEMENT 07. RANGE 08. FASTENERS 09. OPERATING TEMPERATURE 10. SUPPLY 11. QUIESCENT CURRENT 12. ALARM CURRENT 13. INDICATION 14. APPLICATION 15. RELAY CONTACT RATING 	<p>AGNI CONTROLS - CHENNAI CAST ALUMINIUM LM6 ENCLOSURE- HAMMER TONE GRAY II M20X1.5 - 3NOS. IP 66 UV & IR UV - 185 - 260 nm IR - 4000 - 4500 nm SS 304 -20°C TO +60°C 24V DC \pm 20%, (RESETTABLE) < 80 mA < 150 mA NORMAL - FLICKERING GREEN LED FIRE - RED LED INDOOR AND SEMI OUTDOOR 1A AT 24VDC, 0.5A AT 120VAC</p>	<ol style="list-style-type: none"> 16. OUTPUT 17. APPROVAL / CONFORMANCE / CERTIFICATION 18. SENSITIVITY SELECTION 	<ol style="list-style-type: none"> 1. ONE SET OF NO-COM-NC CONTACT FOR FIRE PLUS ONE SET OF DUPLICATE NO-COM-NC CONTACT. 2. ONE SET OF NO-COM-NC CONTACT FOR FAULT PLUS ONE SET OF DUPLICATE NO-COM-NC CONTACT. 3. ZONE DETECTOR LINE TO CONNECT DIRECTLY STANDARD CONVENTIONAL FIRE ALARM PANEL. 1. IP PROTECTION CERTIFIED BY ETDC 2. CONFORMING REQUIREMENT OF EN 54-10 3. CONFORMING REQUIREMENT OF IS-2189. 4. CONFORMING REQUIREMENT OF FM STANDARDS. CLASS NO.3260 RANGE OF SELECTIONS (a) VERY LOW SENSITIVITY - 1 (b) LOW SENSITIVITY - 2 (c) NORMAL SENSITIVITY - 3 (d) HIGH SENSITIVITY - 4
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IMPORTANT:

AGNI CONTROLS RESERVES THE RIGHT TO CHANGE OR MODIFY WITHOUT PREVIOUS NOTICE ANY DATA OR SPECIFICATION DUE TO CHANGES OR MODIFICATION IN ORDER TO IMPROVE THE PRODUCTS/SYSTEM PRESENTED.

AGNI CONTROLS
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