

fladet[®] SERIES...

DATA SHEET

UV FLAME DETECTOR

PART NO : IH166

NEW DOC. NO:DP-5.8/MT-036

DATE:JAN.2024

REVISION :02

SCALE : N.T.S

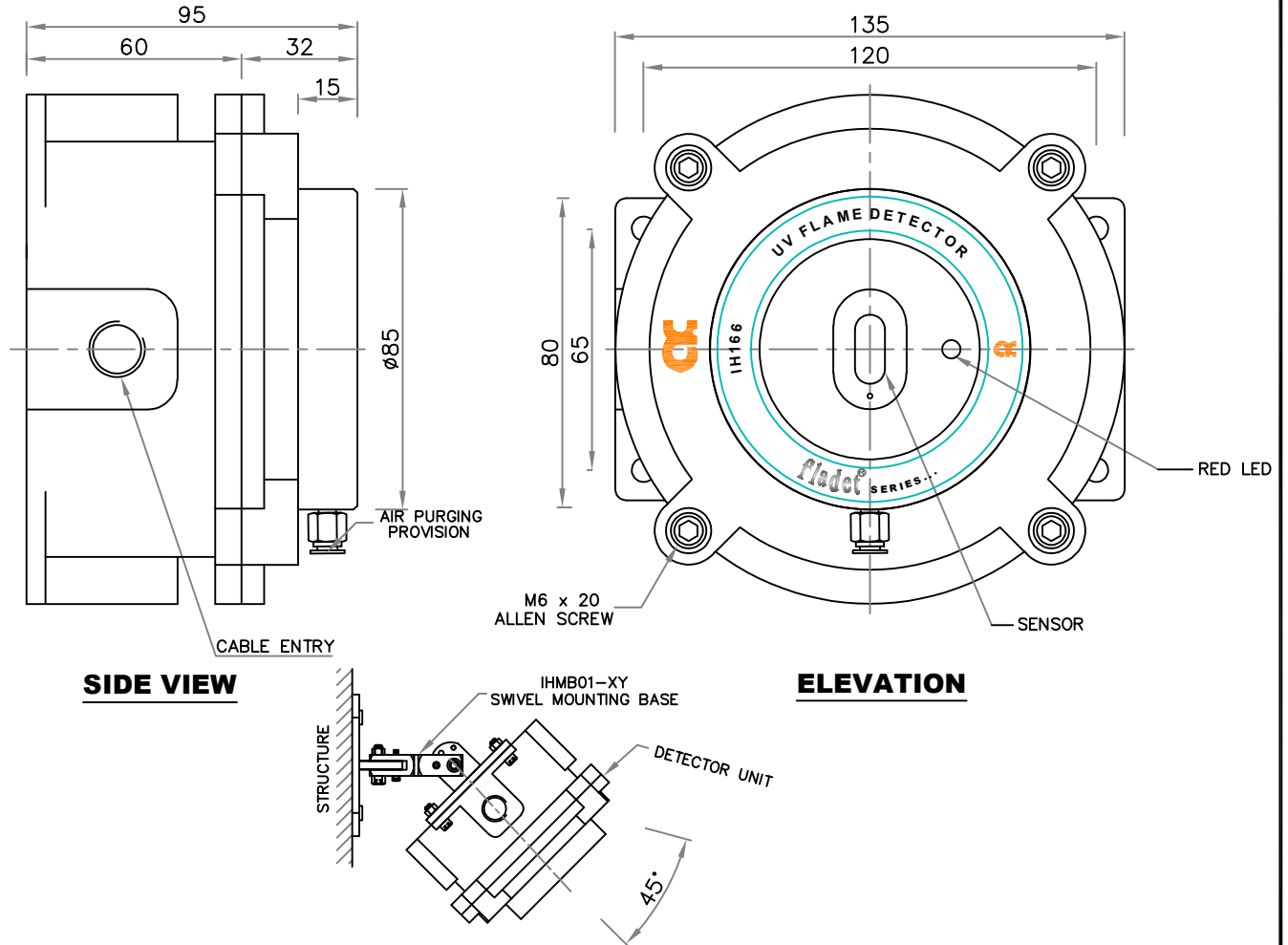
SHEET: 1 OF 1

APPD. BY :DBS

INTRODUCTION :-

UV FLAME DETECTOR ARE USED IN FIRE DETECTION SYSTEMS TO DETECT EARLY & INCIPIENT FLAMES. FLADET SERIES IH166 IS A 2 WIRE DEVICE SUITABLE TO CONNECT WITH ANY FIRE ALARM PANEL.

NOTE : REV-02 IS SAME AS REV-01 EXCEPT ADD LED AND AIRPURGING NIPPLE PROVISION.



NOTE:

1. ALL DIMENSIONS ARE IN "mm" UNLESS OTHERWISE SPECIFIED.
2. TOLERANCE ON DIMENSION ± 3 mm, UNLESS OTHERWISE SPECIFIED.

TECHNICAL SPECIFICATION

01. MANUFACTURER	AGNI CONTROLS – CHENNAI	12. ALARM CURRENT	60 mA MAXIMUM
02. MODEL NO.	IH166	13. INDICATION	FIRE-RED LED
03. MATERIAL	CAST ALUMINIUM LM6	14. OUTPUT	1.ONE SET OF NO-COM-NC CONTACT FOR FIRE
04. FINISH	ENCLOSURE- HAMMER TONE GRAY		2.RESPONSE LED INDICATOR
05. CABLE ENTRY	M20X1.5-3 Nos.		CONNECT ONE 3mm/5mm LED.
06. SENSING ELEMENT	UV		(NO EXTERNAL RESISTOR IS REQUIRED.)
07. RANGE	185 – 260 nm	15. RELAY CONTACT RANGE	1A AT 24V DC , 0.5A AT 120V AC
08. FASTENERS	SS 304	16. APPROVAL / CERTIFICATION	1. CONFIRMING REQUIREMENT NFPA 72E.
09. OPERATING TEMPERATURE	0°C TO +55°C		2. CONFIRMING REQUIREMENT OF EN54-10
10. SUPPLY	2 WIRE SYSTEM, DETECTOR LINE 15V TO 26V DC		3. CONFIRMING REQUIREMENT OF IS-2189.
11. QUIESCENT CURRENT	LESS THAN 100 μ A		

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

**ISO 9001 - 2015
CERTIFIED COMPANY**

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