

# fladet<sup>®</sup> SERIES...

## DATA SHEET

## UV FLAME DETECTOR

PART NO : IH166

OLD DWG. NO: DP-5.8/08-079

DATE: JUN.2019

REVISION : 01

SCALE : N.T.S

SHEET: 1 OF 1

APPD. BY : *[Signature]*

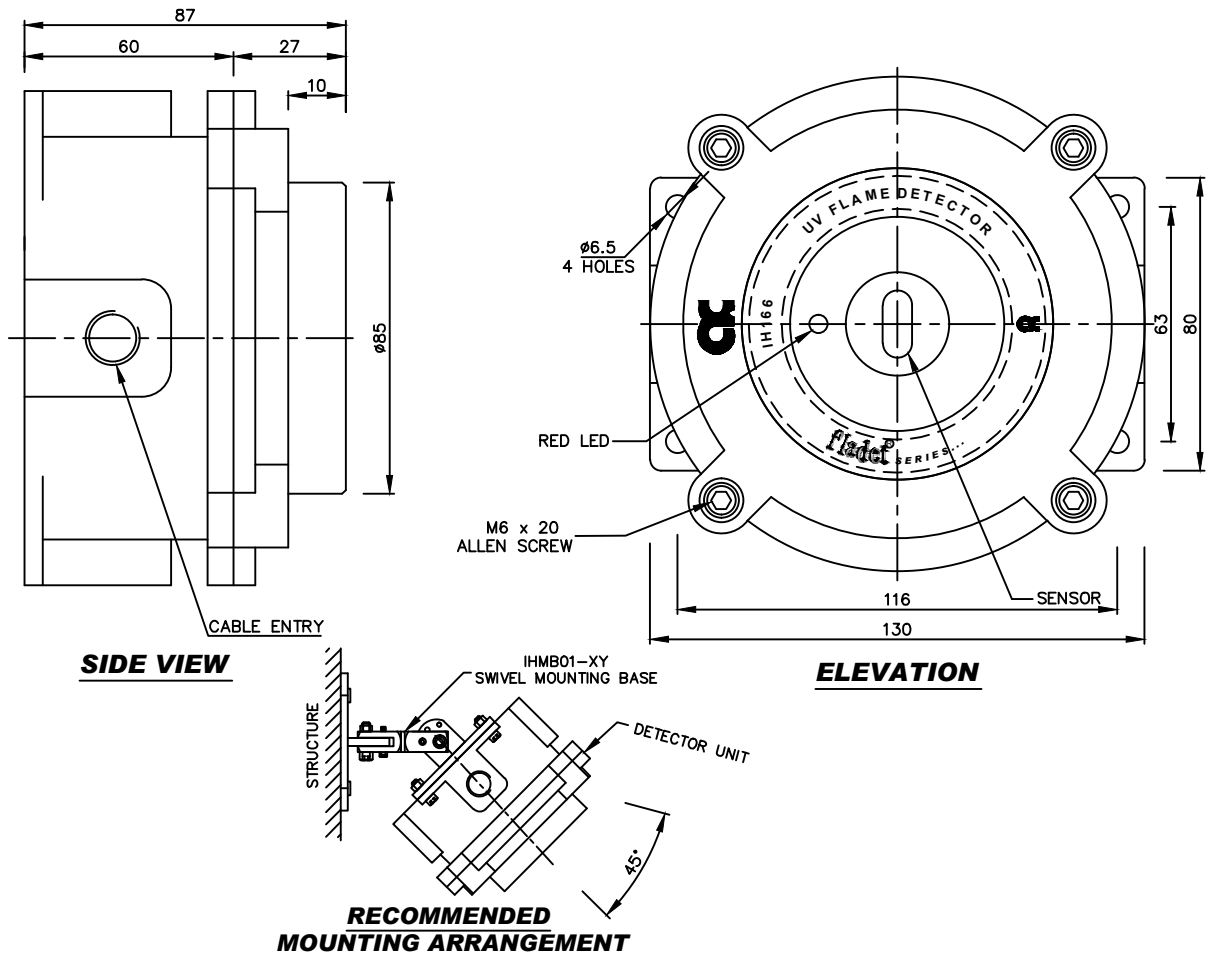
NEW DOC. NO: DP-5.8/MT-036

### 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 : THIS DATA SHEET CAN BE ALSO REFERED AS DOC. NO : DP-5.8/CP-036

REV 01: CHANGES IN DIMENSION AND ADDING ISO 9001:2015



### NOTE:

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

### TECHNICAL SPECIFICATION

01. MANUFACTURER	AGNI CONTROLS - CHENNAI	13. ALARM CURRENT	60 mA MAXIMUM
02. TECHNICAL SUPPORT	EU MAKE COMPONENTS	14. INDICATION	FIRE-RED LED
03. MODEL NO.	fladet IH166	15. OUTPUT	1. ONE SET OF NO-COM-NC CONTACT FOR FIRE
04. MATERIAL	CAST ALUMINIUM LM6		2. RESPONSE LED INDICATOR
05. FINISH	ENCLOSURE- HAMMER TONE GRAY		CONNECT ONE 3mm/5mm LED.
06. CABLE ENTRY	3/4" ET / M20X1.5-3 Nos.		(NO EXTERNAL RESISTOR IS REQUIRED.)
07. SENSING ELEMENT	UV	16. RELAY CONTACT RANGE	1A AT 24V DC , 0.5A AT 120V AC
08. RANGE	185 - 260 nm	17. APPROVAL / CONFIRMATION / CERTIFICATION	1. CONFIRMING REQUIREMENT NFPA 72E.
09. FASTENERS	SS 304		2. CONFIRMING REQUIREMENT OF FM STANDARDS. CLASS NO. 3260
10. OPERATING TEMPERATURE	0°C TO +60°C		3. CONFIRMING REQUIREMENT OF IS-2189.
11. SUPPLY	2 WIRE SYSTEM, DETECTOR LINE		
12. QUIESCENT CURRENT	15V TO 26V DC LESS THAN 100 $\mu$ 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  
CHENNAI**

**ISO 9001 - 2015  
CERTIFIED BY  
BUREAU VERITAS**

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