

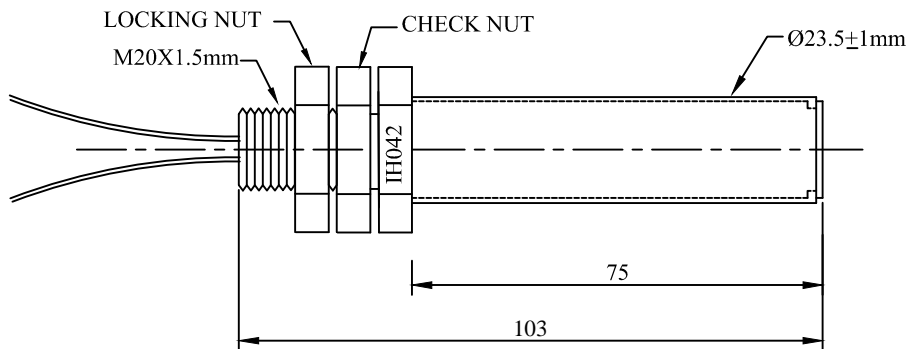
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DATA SHEET	PROBE TYPE HEAT DETECTOR WITH MS JUNCTION BOX (50 - 80)°C				PART NO : IH042-VL- *(50-80)°C-JMS
	DOC. NO.:DP-5.8/MT-014	DATE: JUNE, 2024	REVISION :07	SCALE : N.T.S	SHEET: 1 OF 2

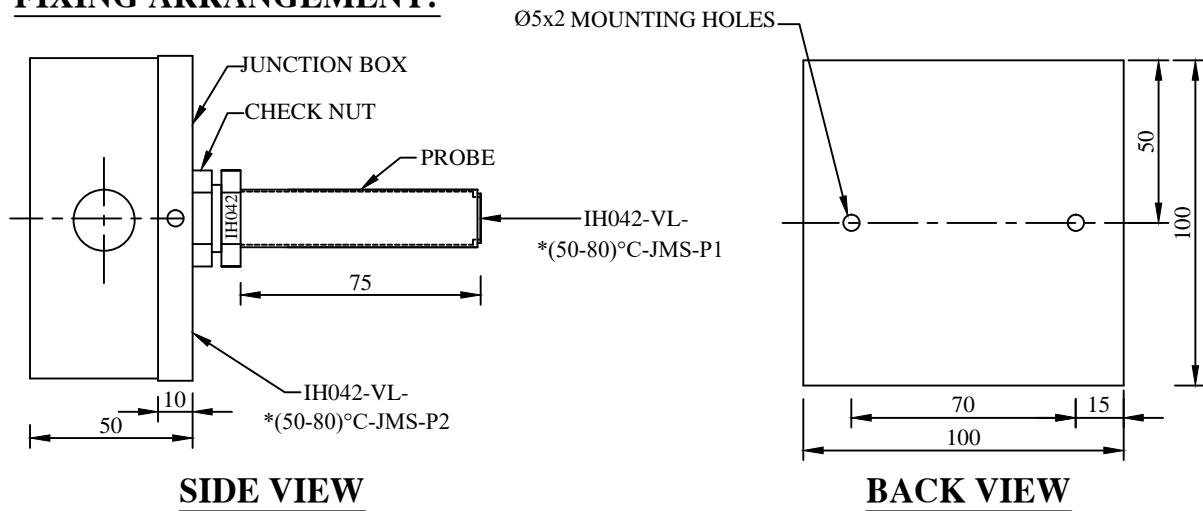
INTRODUCTION :-

PROBE TYPE FIXED TEMPERATURE HEAT DETECTOR IS USED IN SPECIAL APPLICATIONS WHERE ELECTRONICS TYPE FIRE DETECTORS ARE NOT SUITABLE.

NOTE-A:- THIS DATASHEET CAN BE ALSO REFERRED AS DOC. NO.:DP-5.8/CP-014
REV 07: TEMPERATURE RANGES UPDATED.



FIXING ARRANGEMENT:



NOTE B:

1. ALL DIMENSIONS ARE IN "mm" UNLESS OTHERWISE SPECIFIED.
2. TOLERANCE ON DIMENSION ± 3 mm, UNLESS OTHERWISE SPECIFIED.
3. THIS MODEL TO BE USED ONLY FOR INDOOR APPLICATIONS.
4. *-TEMPERATURE RANGE AS PER CUSTOMER SPECIFICATION.

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.



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DATA SHEET

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DOC. NO.:DP-5.8/MT-014

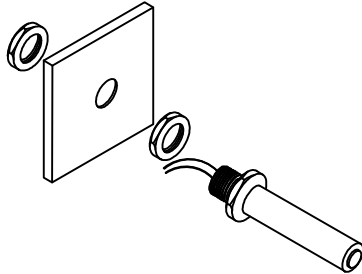
DATE:JUNE. 2022

REVISION :07

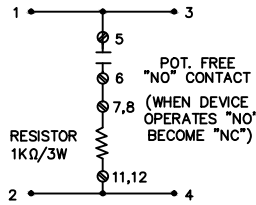
SCALE : N.T.S

SHEET: 2 OF 2

APPD. BY : DB

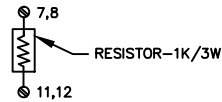


FIXING ARRANGEMENT



**EQUIVALENT CIRCUIT
2 WIRE CONVENTIONAL SYSTEM**

FIG. 1



RESISTOR LINK

FIG. 2



SHORT LINK

FIG. 3

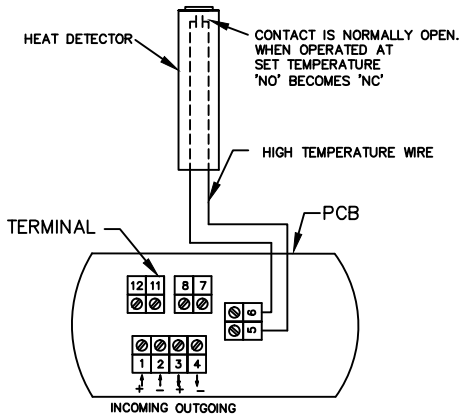
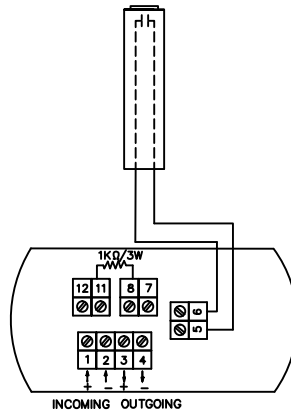
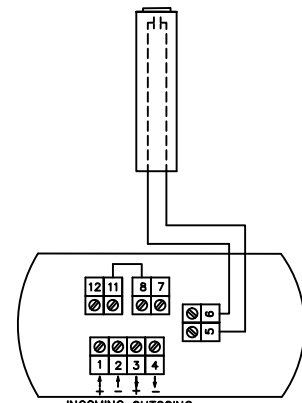


FIG. 4



WIRING WITH RESISTOR

FIG. 5



WIRING WITHOUT RESISTOR

FIG. 6

S.NO	PART NO**	DESCRIPTION
01.	IH042-VL-50-JMS-NO	50°C, NORMALLY OPEN
02.	IH042-VL-60-JMS-NO	60°C, NORMALLY OPEN
03.	IH042-VL-65-JMS-NO	65°C, NORMALLY OPEN
04.	IH042-VL-70-JMS-NO	70°C, NORMALLY OPEN
05.	IH042-VL-80-JMS-NO	80°C, NORMALLY OPEN

NOTE C:

- HEAT DETECTOR IS CONNECTED WITH SHORT LINK.
- ONE SHORT LINK AND ONE RESISTOR LINK ARE PROVIDED AS SPARE / ACCESSORIES.
- USE ANY ONE LINK AS PER REQUIREMENT.

TECHNICAL SPECIFICATION

HEAT DETECTOR PART NO: IH042-VL-*(50-80)°C-JMS-P1			JUNCTION BOX PART NO: IH042-VL-*(50-80)°C-JMS-P2		
01.	MAKE	AGNI CONTROLS - CHENNAI	01.	MAKE	AGNI CONTROLS - CHENNAI
02.	TEMPERATURE SETTING	50°/60°/65°/70°/80°C (FIXED TEMPERATURES ANY ONE SETTING ONLY)	02.	a) MATERIAL OF CONSTRUCTION -JUNCTION BOX	CR SHEET METAL BODY
03.	TYPE OF SENSING ELEMENT	BI-METAL FIXED TEMPERATURE AUTO RESET TYPE	03.	b) PAINT SHADE	PO RED
04.	PROBE BODY	ALUMINIUM	04.	CABLE ENTRY SIZE	Ø19mm KNOCKOUT HOLES
05.	SETTING TEMPERATURE TOLERANCE	± 5%	05.	NO. OF CABLE ENTRY	4 Nos.
06.	CURRENT RATING	240V AC - 10A, 110V AC - 10A, 250V DC - 2.5A, 24V DC - 7A,		APPLICATION	INDOOR APPLICATION ONLY.
07.	PROTECTION	IP 67 (PROBE ASSEMBLY ONLY)			

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