

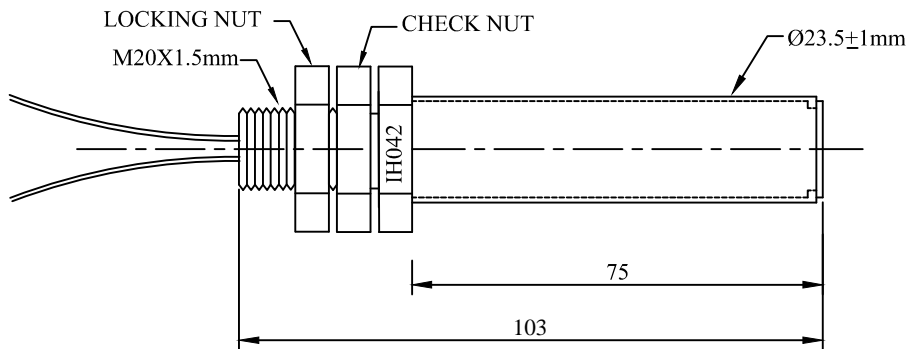
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DATA SHEET	PROBE TYPE HEAT DETECTOR WITH SS JUNCTION BOX (85-100)°C	PART NO : IH042-L- *(85-100)°C-JSS			
DOC. NO.:DP-5.8/MT-740	DATE: JUNE, 2024	REVISION :00	SCALE : N.T.S	SHEET: 1 OF 2	APPD. BY : DB

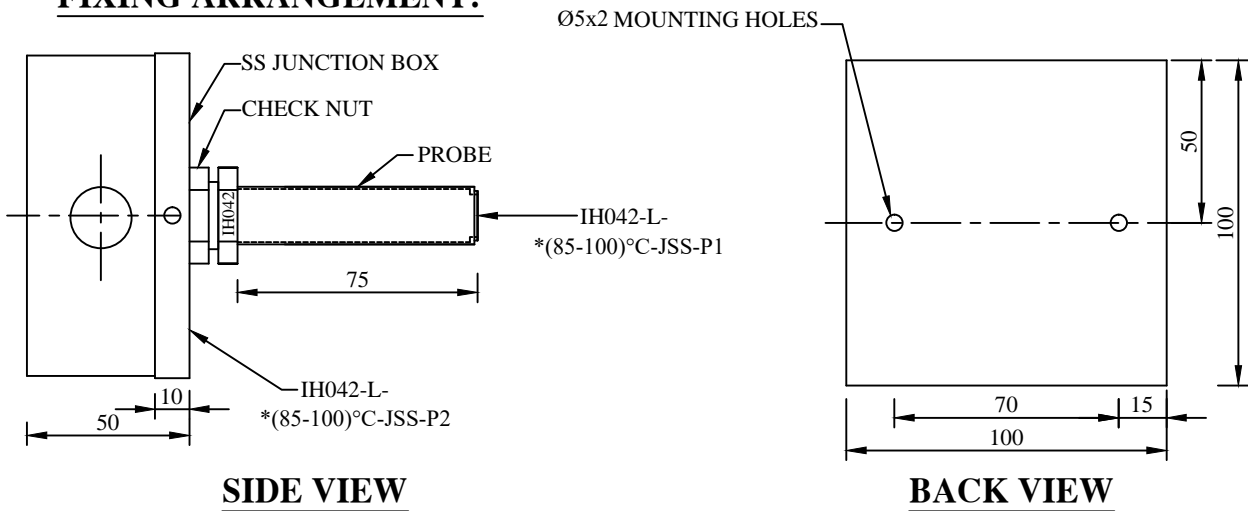
INTRODUCTION :-

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-740



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 SET POINT TO BE CONFIRMED DURING ORDER PLACEMENT

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.



NO.1, 6TH STREET, Dr.SUBBARAYAN NAGAR,
KODAMBAKKAM, CHENNAI-600 024, INDIA.

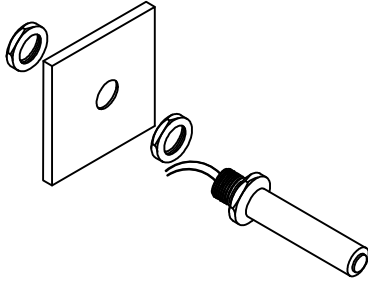
PHONE : +91 44 2481 2420

E-MAIL :engineering@agnicontrols.com

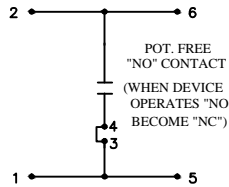
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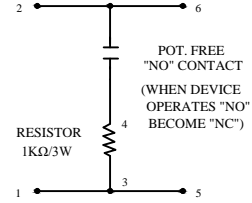
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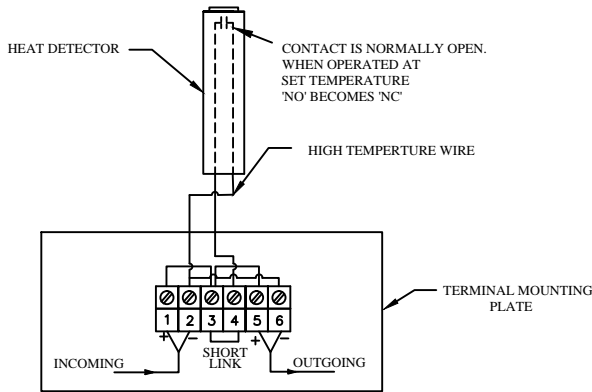
FIXING ARRANGEMENT



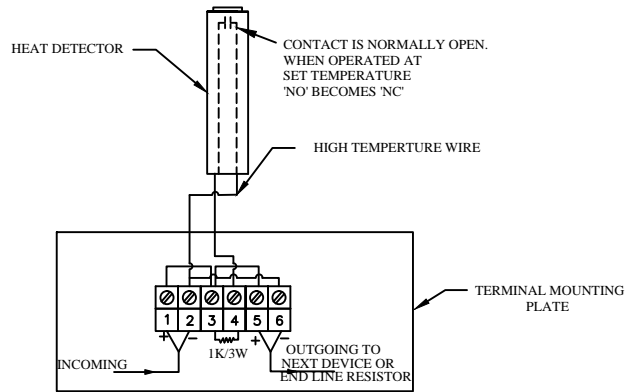
**TYPE - I
EQUIVALENT CIRCUIT
FIG. 1**



**TYPE - II
EQUIVALENT CIRCUIT FOR
2 WIRE CONVENTIONAL SYSTEM
FIG. 2**



**TYPE - I FOR
ADDRESSABLE FIRE ALARM SYSTEM
FIG. 3**



**TYPE - II FOR
CONVENTIONAL 2 WIRE FIRE ALARM SYSTEM
FIG. 4**

S.NO	PART NO**	DESCRIPTION
01.	IH042-L-85-JSS-NO	85°C, NORMALLY OPEN
02.	IH042-L-90-JSS-NO	90°C, NORMALLY OPEN
03.	IH042-L-95-JSS-NO	95°C, NORMALLY OPEN
04.	IH042-L-100-JSS-NO	100°C, NORMALLY OPEN

NOTE C:

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

TECHNICAL SPECIFICATION

HEAT DETECTOR PART NO: IH042-L-*(85-100)°C-JSS-P1			JUNCTION BOX PART NO: IH042-L-*(85-100)°C-JSS-P2		
01.	MAKE	AGNI CONTROLS	01.	MAKE	AGNI CONTROLS
02.	TEMPERATURE SETTING	85°/90°/95°/100°C (FIXED TEMPERATURE ANY ONE SETTING ONLY)	02.	a) MATERIAL OF CONSTRUCTION -JUNCTION BOX b) PAINT SHADE	SS SHEET METAL PO RED
03.	TYPE OF SENSING ELEMENT	BI-METAL FIXED TEMPERATURE AUTO RESET TYPE	03.	CABLE ENTRY SIZE	Ø19mm KNOCKOUT HOLES
04.	PROBE BODY	ALUMINIUM	04.	NO. OF CABLE ENTRY	4 Nos.
05.	SETTING TEMPERATURE TOLERANCE	± 5% UPTO 90°C AND ± 7% FOR HIGHER TEMPERATURES	05.	APPLICATION	INDOOR APPLICATION ONLY.
06.	CURRENT RATING	240V AC - 10A, 110V AC - 10A, 250V DC - 2.5A, 24V DC - 7A,			
07.	PROTECTION	IP 67 (PROBE ASSEMBLY ONLY)			

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KODAMBAKKAM, CHENNAI-600 024, INDIA.

PHONE : +91 44 2481 2420,
E-MAIL :engineering@agnicontrols.com

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