

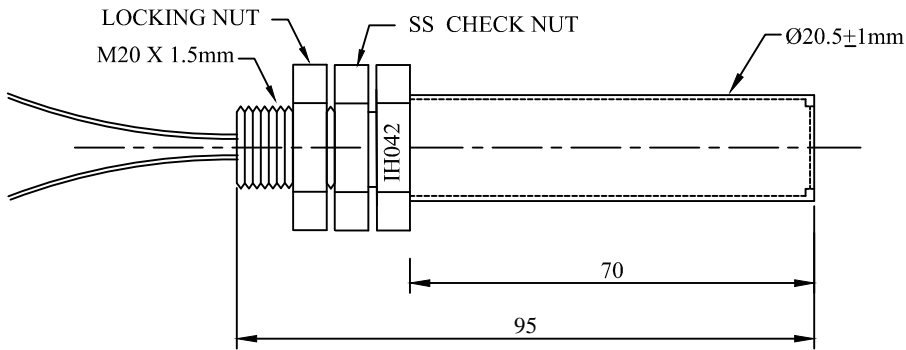
fladet[®] SERIES...

DATA SHEET	SS PROBE TYPE HEAT DETECTOR WITH SS JUNCTION BOX (85-100)°C	PART NO : IH042-L-SS- *(85-100)°C-JSS			
DOC. NO.:DP-5.8/MT-774	DATE: JUNE, 2024	REVISION :00	SCALE : N.T.S	SHEET: 1 OF 2	APPD. BY : DB

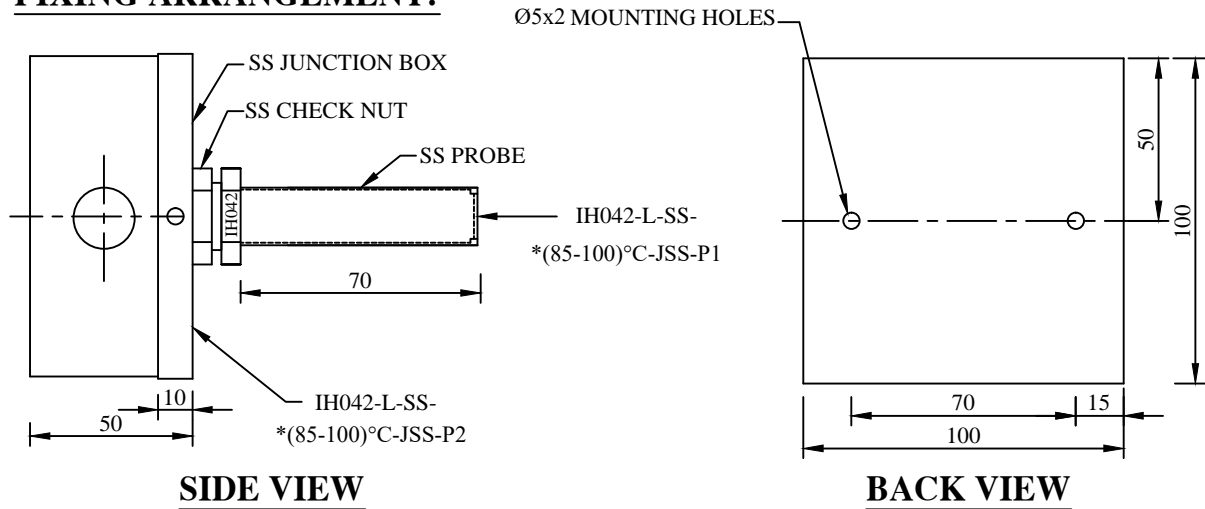
INTRODUCTION :-

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-774



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

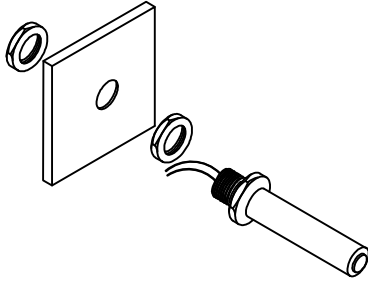
E-MAIL :engineering@agnicontrols.com

ISO 9001 - 2015
CERTIFIED COMPANY

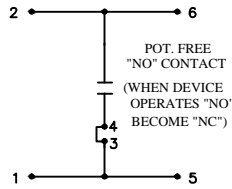
fladet[®] SERIES...

DATA SHEET	SS PROBE TYPE HEAT DETECTOR WITH SS JUNCTION BOX (85-100)°C	PART NO : IH042-L-SS- *(85-100)°C-JSS
-------------------	--	--

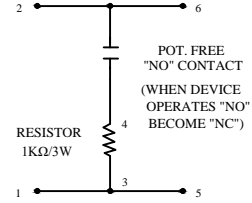
DOC. NO.:DP-5.8/MT-774	DATE:JUNE. 2024	REVISION :00	SCALE : N.T.S	SHEET: 2 OF 2	APPD. BY : DB
------------------------	-----------------	--------------	---------------	---------------	---------------



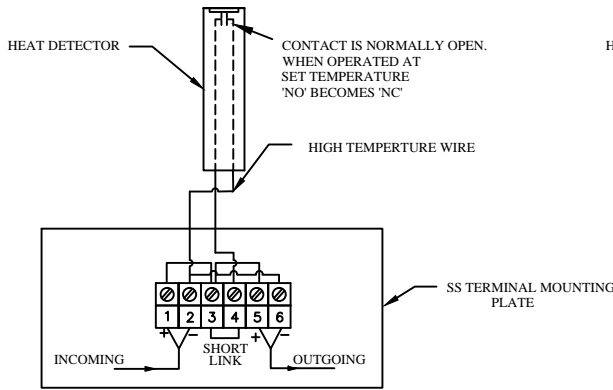
FIXING ARRANGEMENT



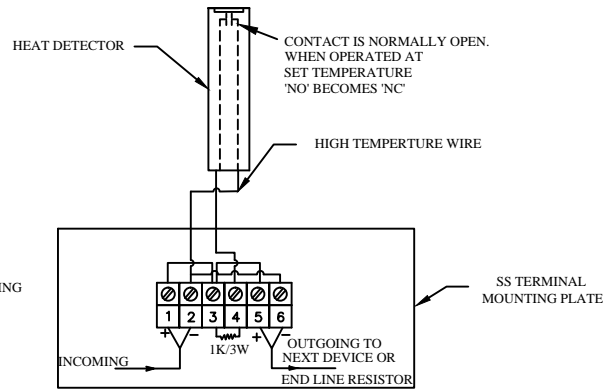
**TYPE - I
EQUIVALENT CIRCUIT
FIG. 1**



**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-SS-85-JSS-NO	85°C, NORMALLY OPEN
02.	IH042-L-SS-90-JSS-NO	90°C, NORMALLY OPEN
03.	IH042-L-SS-95-JSS-NO	95°C, NORMALLY OPEN
04.	IH042-L-SS-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-SS-*(85-100)°C-JSS-P1			JUNCTION BOX PART NO: IH042-L-SS-*(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	SS SHEET METAL
03.	TYPE OF SENSING ELEMENT	BI-METAL FIXED TEMPERATURE AUTO RESET TYPE	03.	b) PAINT SHADE	PO RED
04.	PROBE BODY	SS 316	04.	CABLE ENTRY SIZE	Ø19mm KNOCKOUT HOLES
05.	SETTING TEMPERATURE TOLERANCE	± 5% UPTO 90°C AND ± 7% FOR HIGHER TEMPERATURES	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)			

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

ISO 9001 - 2015
CERTIFIED COMPANY