

fladet[®] SERIES...

DATA SHEET

TEST KIT FOR PROBE TYPE HEAT DETECTOR

PART NO : IH451-100

OLD DWG.NO: DP-5.8/11-359

DATE : MAR. 2019

REV : 02

SCALE : N.T.S

SHEET : 1 OF 1

APPD. BY: *[Signature]*

NEW DWG.NO: DP-5.8/MT-297

INTRODUCTION :-

TEST KIT SPECIALLY DESIGNED TO CHECK THE PROBE TYPE HEAT DETECTORS OF TEMPERATURE SETTING RANGING FROM 50°C TO 90°C.
 REV 01 :- TEST KIT PICTURE CHANGED. REV 02 :- REV 02 IS THE SAME AS REV 01 EXCEPT FOR ADDING FOR ISO 9001:2015



TESTING PROCEDURE:

1. CONNECT 230V AC INPUT SUPPLY TO THE KIT.
2. THE HEATING JAR SHALL BE FILLED WITH WATER UP TO 3/4TH LEVEL OF JAR.
3. IMMERSE THE RTD SENSOR IN THE WATER BATH. TO MONITOR THE WATER BATH TEMPERATURE.
4. IMMERSE THE PROBE OF THE HEAT DETECTOR IN THE WATER BATH. MAKE SURE THE SENSOR PORTION IS COMPLETELY IMMERSSED IN THE WATER BATH.
5. SWITCH ON THE HEATING JAR.
6. CONTINUOUS RISE IN TEMPERATURE OF THE WATER BATH CAN BE MONITORED USING RTD DISPLAY.
7. WHEN THE FIXED TEMPERATURE SETTING OF THE PROBE TYPE HEAT DETECTOR IS REACHED, NOTE DOWN THE TEMPERATURE OF ACTUATION OF THE DETECTOR. ACTUATION OF DETECTOR CAN BE WITNESSED BY THE CHANGE OF CONTACT STATE FROM NO TO NC.

CAUTION:

- * CARE SHOULD BE TAKEN WHILE HANDLING HOT WATER BATH. USE SUITABLE PERSONNEL PROTECTIVE EQUIPMENT.
- * DO NOT USE THIS KIT FOR TESTING DETECTORS WITH TEMPERATURE SETTING OF MORE THAN 90°C

TECHNICAL SPECIFICATION

01.	MAKE	AGNI CONTROLS
02.	INPUT	230V AC
03.	TEMPERATURE	(0-99°C)
04.	HEATING MEDIA	WATER (MIN: 300ml, MAX: 500ml)
05.	POWER CONSUMPTION	1000W
06.	CURRENT CONSUMPTION	5A MAX AT 230V AC.

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
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ISO 9001 - 2015
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