

# IDP-HEAT/ IDP-HEAT-HT/ IDP-HEAT-ROR

## Intelligent Thermal and Rate of Rise Thermal Detectors

The IDP-Heat, IDP-Heat-HT, and IDP-Heat-ROR are plug in thermal detectors, with integral communication, that provide features that surpass conventional detectors. These thermal detectors are for use with Honeywell Farenhyt series fire alarm control panels (FACPs).

Detector sensitivity can be programmed from the FACP software. Sensitivity is continuously monitored and reported to the FACP. Point ID capability allows each detector's address to be set with rotary address switches, providing exact detector locations for selective maintenance when chamber contamination reaches unacceptable levels.

IDP-Heat is a fixed temperature thermal detector that uses a thermistor sensing circuit to produce 135°F (57°C) fixed thermal detection.

IDP-Heat-HT is a variable high temperature detector that provides high temperature detection at 135°F – 190°F (57°C – 88°C).

IDP-Heat-ROR is a fixed temperature and rate-of-rise thermal detector that uses a thermistor sensing circuit to produce 135°F (57°C) thermal protection..



**IDP-HEAT ( BASE NOT INCLUDED)**

## FEATURES & BENEFITS

- Sleek, low-profile design
- Superior EMI resistance for reliability
- Plug-in mounting provides ease of installation
- Tamper-proof feature available on mounting bases
- UL Listed
- Reliable analog communications for trouble-free operation
- Variety of mounting options to meet any application
- Optional remote LED annunciator (System Sensor® PN RA100Z)
- CSFM Listed
- Age resistant polymer housing
- Dual LED indicators for 360° visibility
- Rotary address switches for fast installation
- MEA Listed 383-02-E Vol. VI
- Innovative thermistor sensing circuit
- Detector transmits signal to indicate maintenance is required

# IDP-HEAT, IDP-HEAT-HT and IDP-HEAT-ROR Technical Specifications

## PHYSICAL

**Height:** 2.0" (5.08cm)

**Diameter:** 4.1" (10.4CM) installed in B501 base.  
6.1" installed in B210LP base

**Shipping Weight:** 4.8oz

## ELECTRICAL RATINGS

**Operating Voltage:** 15 – 32VDC

**SLC Standby and Alarm Current:** 300  $\mu$ A

## ENVIRONMENTAL

**Operating Temperature**

**IDP-Heat & IDP-Heat-ROR:** -4°F - 100 °F (-20°C - 38°C)

**IDP-Heat-HT:** -4°F - 150 °F (-20°C - 66°C)

**Humidity:** 10 to 93% non-condensing)

## THERMAL RATINGS

**IDP-Heat:** Fixed temperature setpoint 135°F (57°C)

**IDP-Heat-HT:** High temperature heat 135°F – 190°F (57°C – 88°C)

**IDP-Heat-ROR:** Rate-of-rise detection 15°F/min (9°C/min)

## ORDERING INFORMATION

**IDP-Heat:** Fixed temperature thermal detector

**IDP-Heat-HT:** Fixed high temperature thermal detector

**IDP-Heat-ROR:** Fixed temperature and rate-of-rise thermal detector

## ACCESSORIES

**RA100Z:** Remote LED Annunciator.

**XR2B:** Detector Removal Tool. A removal and replacement tool for IDP plug-in detectors. Includes the T55-127-000.

**M02-04-01:** Detector test magnet

**M02-09-00:** Test Magnet with telescoping handle

**XP-4:** Extension pole for XR2B. Extends from 5 – 15 ft.

**T55-127-000:** Detector removal head.

**BCK-200B:** Black detector kit. For IDP-series detectors.

\* Unless otherwise noted, specifications apply to IDP thermal detectors.

## COMPATIBILITY

The IDP-HEAT, IDP-HEAT-HT, and IDP-HEAT-ROR are compatible with the following IDP series bases:

- B210LP 6" Mounting Base
- B501 4" Mounting Base
- B224BI 6" Isolator Base
- B224RB 6" Relay Base
- B200SR 6" Sounder Base

The IDP-HEAT, IDP-HEAT-HT, and IDP-HEAT-ROR are compatible with the following Farenhyt Series FACPs:

- IFP-2100 / IFP-2100ECS / RFP-2100
- IFP-2000 / IFP-2000ECS / RPS-2000
- IFP-1000 / IFP-1000ECS
- IFP-300 / IFP-300ECS
- IFP-100 / IFP-100ECS
- IFP-75
- IFP-50

For a complete listing of all compliance approvals and certifications, please visit [www.farenhyt.com](http://www.farenhyt.com).

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

For Technical Support, Please call 800-446-6444.

## For more information

Learn more about Honeywell's Farenhyt Series and other products available by visiting [www.farenhyt.com](http://www.farenhyt.com)

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