● BLAUPUNKT

Product Datasheet

BLAUPUNKT
Brand
established
1924
GERMANY

# ADDRESSABLE HEAT DETECTOR

# BP-FD-AHD302



## FEATURES

- It can realize electronic coding and rewrite the address via coder in situ.
- Within a single-chip microcomputer, it can realize real-time data acquisition and processing, realize a curve tracing for the field situation.
- It has a temperature compensation function and a sensor fault detection function (fault reporting to fire alarm control panel).
- Non-polarity, two-bus connection that ensures convenient installation and maintenance.
- Designed with an upper cover and a lower cover and installed on an independent base, it can be installed, debugged and maintained conveniently.
- Built-in remote indicator output terminal, drive remote indicator lit when fire alarm

## TECHNICAL PARAMETERS

- Executive standard: EN54-5
- Work indication: The red indicator will blink in the monitoring status or remain lit in the alarm status.
- Wiring method: non-polarity two-bus system (L1, L2); the terminal 2 and 4 can connect with the
- remote indicator.
- Coding mode: It can realize electronic coding via coder in situ. Address codes 1 to 324 are available for selection.
- Matched host machine: BP-FD-ACP300-1L fire alarm control panel.
- With charging indication function
- It has the function of automatic shutdown to save power

## SPECIFICATION

| Model: BP-FD-AHD302 | |
|---|---|
| Technical Parameters | |
| Operating Voltage | Loop 24V (18V ~ 28V) |
| Standby Current | ＜0.3mA |
| Alarm Current | ＜1.5mA (without remote indicator)<br>＜3.5mA (with remote indicator |
| Class | A2 |
| Fire LED | Red, Flash in polling, and illuminate in alarming |
| Remote indicator output | Polarity-sensitive output, directly connect to remote indicator (built in 10k resistor in series, max. output current is 2mA); The red indicator will blink in the monitoring status or remain lit in the alarm status. |
| Programming | Electronically addressed |
| Programming Range | Occupying one address within 1 ~ 324 |
| Wiring | Loop: two wire, polarity-insensitive |
| Environmental Temperature | -10℃ ~ +50℃ |
| Relative Humidity | ≤95%, non-condensing |
| Material of Enclosure | ABS |
| Dimension | Diameter: 100mm<br> Height: 60mm (with the base) |
| Mounting Hole Distance | 44.5mm ~ 64.3mm |
| Weight | About 115g (with the base) |

Enjoy it.