

5 Honeywell C7076 Ultraviolet Flame Detectors from DtiCorp.com

Honeywell Solid state dynamic self check flame detectors for use with Honeywell BC7000, R4140 or FSP5075 with R7476 Amplifier and 7800 SERIES with R7886 Amplifier.

June 29, 2010 (FPRC) -- Fort Lauderdale, FL - Popular Honeywell online retailer DtiCorp.com (<http://www.DtiCorp.com>) is introducing 5 brand new Honeywell C7076 Adjustable Sensitivity Ultraviolet Flame Detectors.

The C7076A and C7076D are identical except for their housings. The C7076A is designed for standard installations. The explosion-proof housing used with the C7076D meets the requirements for Division I, Class I, Groups C and D; and Class II, Groups E, F, and G of the National Electrical Code (NFPA70).

The C7076 features two sensitivity adjustments, each with a 400:1 dynamic range, and an integral flame signal meter jack to facilitate precise sighting. The flame detector is designed for use with Dynamic Self-Check Ultraviolet Amplifiers R7476A and R7886 to provide a closed-loop, self-checking circuit which insures the integrity of both amplifier and flame detector. Improper response to simulated flame loss results in a safety shutdown and/or alarm.

APPLICATION

The C7076 Adjustable Sensitivity Ultraviolet Flame Detector is a solid-state, adjustable sensitivity, device for sensing the ultraviolet radiation emanating from gas, oil and pulverized coal flames. It is designed for burner management and flame safety systems which require optimum sensitivity and/or flame discrimination.

FEATURES

- Use Honeywell Flame Safeguard primary safety controls requiring adjustable sensitivity ultraviolet flame detection.
- High level output permits long distance transmission without special wiring.
- Solid state circuitry assures long life and stable sensitivity over wide ranges of temperature and voltage.
- Detect ultraviolet radiation from flames.
- Include dual sensitivity adjustment.
- C7076A meets NEMA 4 standards with viewing window rated to 20 psi.
- C7076D has an explosion-proof housing for use in hazardous atmospheres with a viewing window rated to 100 psi.
- Approvals: Listed File No. MP268, Guide No. MCCZ

INTERCHANGEABILITY

Models C7076A and C7076D are not interchangeable with other flame detector models; they must be used with either the R7476A or R7886 Dynamic Self-Check Ultraviolet Amplifier.

MODELS AVAILABLE:

1. C7076A1007 Adjustable Sensitivity Ultraviolet Flame Detector
2. C7076A1015 Adjustable Sensitivity Ultraviolet Flame Detector
3. C7076A1031 Adjustable Sensitivity Ultraviolet Flame Detector
4. C7076D1027 Adjustable Sensitivity Ultraviolet Flame Detector
5. C7076F1014 Adjustable Sensitivity Ultraviolet Flame Detector

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