

7 New Honeywell C7061 Dynamic Flame Detectors from DtiCorp.com

Honeywell C7061 - Dynamic self-checking flame detectors used with R7861 Dynamic Self-check Amplifiers for sensing the ultraviolet radiation generated by the combustion of gas, oil, or other fuels.

February 17, 2010 (FPRC) -- Fort Lauderdale, FL - Popular Honeywell online retailer DtiCorp.com (<http://www.DtiCorp.com>) is introducing 7 brand new Honeywell C7061 Dynamic self-checking flame detectors used with R7861 Dynamic Self-check Amplifiers for sensing the ultraviolet radiation generated by the combustion of gas, oil, or other fuels. The C7061 is a dynamic self-checking flame detector for sensing the ultraviolet radiation generated by the combustion of gas, oil, or other fuels. This flame detector is available in two versions: model C7061A for use in Standard applications, and model C7061F for use in installations requiring explosion-proof packaging. The flame detector is designed for use with either, R7061 Dynamic Self-Check Ultraviolet amplifier and R4348 Flame Switch or with R7861A Dynamic Self-Check Ultraviolet amplifier and 7800 SERIES Burner Programmers. These configurations provide a closed-loop, self-checking circuit which insures the integrity of both amplifier and flame detector. Improper response simulated flame loss results in a safety shutdown and/or alarm.

DESCRIPTION

The C7061A1020 and C7061F1003 detector models are identical except for housings. Model C7061F detector is for use in installations requiring explosion proof packaging. The housing is conform the EExd IIC T6 classification. More details for the explosion proof housing can be found in the chapter Standards and Approvals. The C7061F model has a 1-inch NPT tapping for mounting onto a sight pipe. The terminal block on both models is of wire clamp type with removable screws and is situated in the compartment of the C7061. The UV cell contains an ultraviolet sensing tube, shutter assembly, terminal block and magnifying lens. The UV sensor can be mounted from the programmer/flame switch up to a length of 300 m.

FEATURES

- * Oscillating shutter interrupts ultraviolet radiation reaching the UV sensor to provide the UV sensor tube checking function.
- * Can be mounted horizontally, vertically or at any angle in between.
- * The detector requires faceplate alignment and has integral locating reference points to assure proper operation of the shutter mechanism.
- * Field replaceable ultraviolet sensing tube and quartz viewing window.
- * Models with threaded conduit fitting and color-coded leadwires allow rapid electrical installation.
- * C7061A1038 or A1046 5 pin Brad Harrison type (formally 41307N) mating connector not supplied nor available through Honeywell.
- * Two detectors can be wired in parallel to reduce nuisance shutdowns in difficult flame sighting

applications.

* Protective heat block built into mounting flange.

* -40 F (-40 C) rated ultraviolet sensing tube is supplied.

* C7061E meets NEMA 4 standards with viewing window rated to 20 psi.

* C7061F has an explosion-proof housing for use in hazardous atmospheres with a viewing window rated to 100 psi.

Models available:

1. Honeywell C7061A1004, 120 Vac Flame Sensor, Ultraviolet, Purple Peeper, Self-Checking
2. Honeywell C7061A1012, 120 Vac Flame Sensor, Ultraviolet, Purple Peeper, Self-Checking
3. Honeywell C7061A1020, 120 or 230 Vac Flame Sensor, Ultraviolet, Purple Peeper, Self-Checking
4. Honeywell C7061A1038, 120 Vac Flame Sensor, Ultraviolet, Purple Peeper, Self-Checking
5. Honeywell C7061A1046, 120 Vac Flame Sensor, Ultraviolet, Purple Peeper, Self-Checking
6. Honeywell C7061A1053, 120 Vac Flame Sensor, Ultraviolet, Purple Peeper, Self-Checking
7. Honeywell C7061F2001, 120 Vac Flame Sensor, Ultraviolet, Purple Peeper, Self-Checking

About Us: DtiCorp.com (<http://www.DtiCorp.com>) carries more than 35,000 HVAC products, including industrial, commercial and residential parts and equipment from Honeywell, Johnson Controls, Robertshaw, Jandy, Grundfos, Armstrong and more. Our online catalog is easy to navigate and search, and all products have a picture and a description. If a customer has any questions about a product, they can call 800-757-5999 and speak with one of our product experts. Our mission is to offer the best prices anywhere to our customers.

Julian Arhire
Manager DtiCorp.com
Phone: 954.298.2515
Fax: 954.206.0767
Web: <http://www.DtiCorp.com>

DtiCorp.com, Honeywell, C7061, Dynamic self-checking flame detector, C7061A1004, C7061F2001

Contact Information

For more information contact Julian Arhire of DtiCorp.com (<http://dticorp.com>)
954.298.2515

Keywords

[Honeywell](#)

You can read this press release online [here](#)