

C7061F2001

C7061F2001 Dynamic Self-Check UV Flame Detector

Honeywell C7061F2001 is the C7061F2001 Dynamic Self-Check UV Flame Detector used for ultraviolet flame supervision in an explosion-proof detector housing in a documented Honeywell flame safeguard installation. Confirm the complete identity and installed system configuration before replacement.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Honeywell flame safeguard
Part number	C7061F2001
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install C7061F2001 only in its documented Honeywell flame safeguard position. Preserve the exact interfaces, wiring and configuration, then verify diagnostics and ultraviolet flame supervision in an explosion-proof detector housing under controlled conditions.

System Role and Architecture

Honeywell C7061F2001 is the C7061F2001 Dynamic Self-Check UV Flame Detector used for ultraviolet flame supervision in an explosion-proof detector housing in a documented Honeywell flame safeguard installation. Confirm the complete identity and installed system configuration before replacement.

FUNCTION 1
Supply: 120 VAC, 50/60 Hz

FUNCTION 2
Mounting connection: 1 inch NPT

FUNCTION 3
Lead length: 8 ft / 96 in

FUNCTION 4
Ambient range: -40 to 175 degF

RELATED APTER POWER PAGES		
1	Honeywell 51401496-100	2
2	Honeywell 51401642-150	3
3	Honeywell 621-2200RC	4
4	Honeywell 8C-PAOH51 51454355-175	5
5	Honeywell 8C-TAIMA1 51307171-175	6
6	Honeywell 8C-TAOXA1 51307135-175	7
7	Honeywell 8C-TDILA1 51307141-175	8
8	Honeywell FC-FANWR-24R	9
9	Honeywell FC-SAO-022M	

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Honeywell flame safeguard
02	Matched Honeywell flame safeguard host and field interface
03	Documented power, signal, communication and grounding connections
04	Approved configuration, diagnostics and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Honeywell flame safeguard
Interface role	ultraviolet flame supervision in an explosion-proof detector housing
Field / power context	documented Honeywell flame safeguard installed position
Commissioning evidence	Identity, wiring, configuration, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete C7061F2001 identity on the hardware and maintenance record.
- 2

Place the affected Honeywell flame safeguard process in the approved maintenance state.
- 3

Record the installed position, connectors, terminals, wiring and configuration before removal.
- 4

Isolate all documented power and field energy and apply ESD controls where required.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Product type	Dynamic self-check ultraviolet flame detector	Lead length	8 ft / 96 in
Model	C7061F2001	Ambient range	-40 to 175 degF
Housing	Explosion proof	Self-check mechanism	Mechanical shutter
Supply	120 VAC, 50/60 Hz	Field service	Replaceable UV sensing tube and quartz viewing window
Mounting connection	1 inch NPT		

RELATED PRODUCT PAGES

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8 Honeywell FC-FANWR-24R

9 Honeywell FC-SAO-022M

ENGINEERING BOUNDARY

Confirm C7061F2001, its exact host, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete C7061F2001 identity on the hardware and maintenance record.
- 2

Place the affected Honeywell flame safeguard process in the approved maintenance state.
- 3

Record the installed position, connectors, terminals, wiring and configuration before removal.
- 4

Isolate all documented power and field energy and apply ESD controls where required.

Applications and Engineering Context

C7061F2001 Dynamic Self-Check UV Flame Detector

Provides ultraviolet flame supervision in an explosion-proof detector housing in the approved Honeywell flame safeguard architecture.

Installed-system maintenance

Preserves the documented slot, termination, wiring and configuration during replacement.

Controlled commissioning

Restores power and signals in the approved sequence and reviews diagnostics.

Acceptance verification

Confirms the intended channel, network or safety function before release.

TECHNICAL NOTE

Install C7061F2001 only in its documented Honeywell flame safeguard position. Preserve the exact interfaces, wiring and configuration, then verify diagnostics and ultraviolet flame supervision in an explosion-proof detector housing under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	C7061F2001 recorded
Host / carrier	Honeywell flame safeguard
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved Honeywell hardware and system configuration restored
Functional proof	Controlled test confirms ultraviolet flame supervision in an explosion-proof detector housing

IMPORTANT NOTICE

Confirm C7061F2001, its exact host, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Honeywell 51401496-100

View Honeywell 51401496-100 page

2

Honeywell 51401642-150

View Honeywell 51401642-150 page

3

Honeywell 621-2200RC

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Honeywell 8C-PAOH51 51454355-175

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Honeywell 8C-TAIMA1 51307171-175

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Honeywell 8C-TAOXA1 51307135-175

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Honeywell 8C-TDILA1 51307141-175

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8

Honeywell FC-FANWR-24R

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Honeywell FC-SAO-022M

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MANUFACTURER SOURCE RECORD

Honeywell Flame Sensors Cross Reference 70-8317 | Honeywell manufacturer publication

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.