

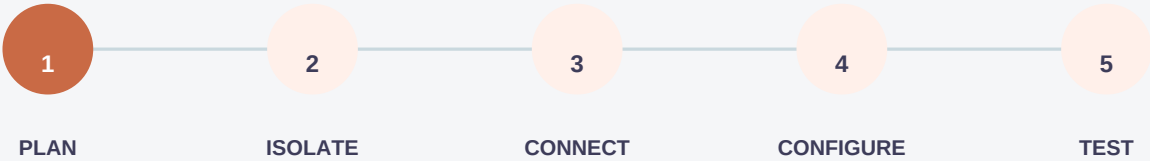
C7061F2001

C7061F2001 Dynamic Self-Check UV Flame Detector

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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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	C7061F2001
Manufacturer	Honeywell
System family	Honeywell flame safeguard
Record scope	Installation, application and verification



APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

01 PRE-INSTALLATION PLAN

- 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.
- 5

Inspect the replacement identity, revision, interfaces and mating hardware before installation.

MATCHED HARDWARE

- Honeywell C7061F2001 with exact visible identity
- Matched Honeywell flame safeguard host
- Documented power, field and communication interfaces
- Approved configuration and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	C7061F2001 recorded
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

02 WIRING & INTERFACE CHECKS

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

RELATED PRODUCT PAGES

1 Honeywell 51401496-100

2 Honeywell 51401642-150

3 Honeywell 621-2200RC

4 Honeywell 8C-PAOH51 51454355-175

5 Honeywell 8C-TAIMA1 51307171-175

6 Honeywell 8C-TAOXA1 51307135-175

7 Honeywell 8C-TDILA1 51307141-175

8 Honeywell FC-FANWR-24R

9 Honeywell FC-SAO-022M

FIELD NOTE

Confirm C7061F2001 and the installed system before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	C7061F2001
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

04 RETURN-TO-SERVICE RECORD

- ☐ Inspect the replacement identity, revision, interfaces and mating hardware before installation.
- ☐ Restore every conductor, cable, power path and configuration value to the approved record.
- ☐ Review host, module, channel or network diagnostics after controlled energization.
- ☐ Perform a controlled test that proves ultraviolet flame supervision in an explosion-proof detector housing before release.

VERIFICATION RECORD

PRODUCT IDENTITY	C7061F2001
INSTALLED POSITION	Documented Honeywell flame safeguard position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Inspect the replacement identity, revision, interfaces and mating hardware before installation.
- ☐ Restore every conductor, cable, power path and configuration value to the approved record.
- ☐ Review host, module, channel or network diagnostics after controlled energization.
- ☐ Perform a controlled test that proves ultraviolet flame supervision in an explosion-proof detector housing before release.

SOURCE IDENTIFIERS

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