



Product Alert - Performance Related Concern Involving Electro-Optical Flame Detectors

January 19, 2021

Type of Notification: Performance Related Concern

FM Approvals has been made aware of a quality issue in certain electro-optical flame detectors that could result in the detectors failing to detect a fire condition as intended.

Company Identity: Honeywell Gas Analysis & Safety (listed as Honeywell Analytics in the FM Approval Guide)

Address: 405 Barclay Boulevard, Lincolnshire, IL 60069, USA

Contact Information: Peter Harrie (Peter.harrie@honeywell.com)
www.honeywellanalytics.com

Product Identity: Honeywell Model FS7-2173 (all variants)

Description: Flame Detector

FM Approval Status: All models bearing the FM mark.

Hazard Involved:

Honeywell has discovered a small number of the FS7-2173 flame detectors in the field that would fail to respond to a fire condition as they are intended. In some cases, the detectors in question did not detect and annunciate the failed condition. The problem has been traced to a failed optical sensor within the detector, and a self-test algorithm that is not sensitive enough to detect the condition.

The company is still investigating the root cause of the failure and has temporarily withheld further shipments of the product. End users are requested to test all installed FS7-2173 detectors with the test lamp and report the Pass / Fail information to the contact listed above. In the event of a failure of the test, end users are also requested to contact the local Honeywell Gas Analysis & Safety office to initiate the RMA returns process. The details can be found in the attached Product Notice 2020106.

If you suspect you are in possession of a FS7-2173 flame detector bearing the FM Approvals certification marking and require assistance, please bring that to the attention of:

Antonio L. Pires
FM Approvals, Quality Department
Norwood, MA, USA
+1 (1)781 255 4825
Email: antonio.pires@fmapprovals.com



Product Notice 2020106

13th January 2021

FS7 Flame Detector

Product Communication

Regions Affected: Global

Dear Customers and Colleagues:

You have been identified as a customer that has potentially purchased a Honeywell FS7 Flame Detector ("FS7") which may be subject to this Product Notice. Honeywell Gas Analysis & Safety ("HGAS") has identified an anomaly related to a third-party component sensor used in the FS7 electro-optical flame detectors listed below. The FS7 remains on a precautionary shipping HOLD while HGAS continues working on its corrective action plan in an effort to resume production and distribution.

Part No	Description
FS7-2173	FS7 Flame Detector, 20' Cable, 41" Teflon Pigtail
FS7-2173-2RP	FS7 2RP Flame Detector, 20' Cable, 41" Teflon Pigtail
FS7-2173-2RP-K	FS7 2RP Flame Detector, NL Alert/Alarm Relays with Kalrez O-ring
FS7-2173-KALO	FS7 Flame Detector, NL Alert/Alarm Relays with Kalrez O-ring
FS7-2173-RP	FS7 Flame Detector, 20' Cable, 72" Teflon Pigtail, 1 Relay
FS7-2173-RPK	FS7 Flame Detector, 20' Cable, 72" Kalrez O-ring
FS7-2173-2RPC-K	FS7-2RPC LOW SENS 20C 41T KALREZ (KFPI)
FS7-2173-2RPT15	FS7 DET 20FT CBL 180IN TFLN VITON 2 RLY

As provided in the FS7 product documentation, regular testing of flame detectors using the test lamp is advised and is often required of the user by applicable laws, rules and regulations. Please test all FS7 units currently in your possession and take the following steps:

- Report those test results to me (email contact details below) whether PASS or FAIL, along with the instrument serial numbers;
- In the event of any of the FS7 Flame Detectors FAILING the lamp test please contact your local HGAS office and use the Honeywell RMA returns process to send back the failed product.
- Remove any units that do not pass the test from service;

HGAS continues to work with the supplier of the affected component to resolve the matter as expeditiously as possible, and will continue to communicate additional information as it becomes available.

Yours sincerely,

Peter Harrie
Senior Offering Manager, Advanced Gas and Flame Detection
Honeywell | Gas Detection
Peter.harrie@honeywell.com

HONEYWELL – PRODUCT NOTICE
Copyright © 2020 Honeywell International Inc. All rights reserved.