



# Certificate of Compliance

## BUILDING MATERIALS

This certificate is issued for the following equipment:

FG-NET Water Leak Detection System.

Models	Description
FG-NET E FG-NET F	Leak Detection Panel (E = wall mount, F = rack mount), 100 to 240 VAC input power, 36VA; Type1, IP40, rated 41°F to 131°F (5°C to 55°C). 7" (175mm) touch-screen gives detailed indication of the system status. Three leak detection circuits per panel, maximum 120 lengths of sensing cable or 1800 meters. Each panel has eight configurable relay outputs and one dedicated relay output for power failure. Surge suppression required on detection circuits for installations that may be exposed to surge transients.
FG-EC/X	Water Sensing Cable (X = length in meters), rated 32°F to 140°F (0°C to 60°C).
FG-ECS/X	Water Sensing Cable (X = length in meters), rated 32°F to 185°F (0°C to 85°C).
FG-DTC	Bus Diversion Box, rated 5°F to 149°F (-15°C to 65°C). This diversion box allows breaking up a detection circuit into two parts.
FG-DTCS	Addressable Box rated 5°F to 149°F (-15°C to 65°C). The FG-DTCS addressable box allows the connection of one FG-ECS (3, 7 or 15m) to the main bus wire from the digital panel. FG-DTCS will create an address on the panel for that sense cable.
FG-CLC-X	Leader Cable (X = length in meters) rated, 5°F to 185°F (-15°C to 85°C). Leader cable in for connecting sensing cable to the detection panel unit.
FG-NCX	Jumper Cable (X = length in meters), rated 5°F to 185°F (-15°C to 85°C). Jumper cable for connecting two FG-EC sensing cables.
FG-TMC	Cable Terminator for FG-EC cable, rated 5°F to 185°F (-15°C to 85°C).

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This certifies that the equipment described has been found to comply with the applicable requirements, as stated in the Approval Report(s), of the following FM Approval Standards and other documents:

*Approval Standards*  
Class Number  
7745

*Date*  
2019

*Other Standards*  
Organization, Designation      Date

Original Approval Job Identification: PR456641

Approval Granted: 21 December 2020

Related Report: PR456641-R1

Subsequent Revisions:



Member of the FM Global Group



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To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

A handwritten signature in dark red ink, appearing to read 'J.E. Marquedant'.

J.E. Marquedant  
VP, Manager - Electrical Systems  
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21 December 2020

Date



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