

RF-6000 Series



Specifications and Ordering Information

Electrical Specifications

Line Voltage	24VDC Nominal - Can operate from 15VDC through 32VDC
Power	Current Draw When Indicating: 17mA Current Draw When Not Indicating: 6mA Output Logic is Field Selectable
Temperature Range	-40°F to 160°F (-40°C to +71°C) Medium & Low Sensitivity Setting -20°F to +125°F (-20°C to +52°C) High Sensitivity Setting
Sensitivity Settings	2 Through 11 Picofarads (Adjustable)
Time Delay	1, 2, 5 Seconds (Selectable)
Calibration	Two-Step Manual

Model Selection:

Refer to Probe Selection Guide

RF6-

Assembly Configuration

A = 3/4" S.S. & 1 1/4" Aluminum & Flush Mount
S = Sanitary Fitting 1" or 1 1/2" tri-clamp size (See Note 1)
N = 1 1/4" Alum. Only (NEMA 4X ONLY)
(Consult factory for agency listing)
H = 3/4" Hastelloy C (for Teflon® probes only)

Enclosure Type

G = General Purpose NEMA 4X FM Approved
(See Note 2)
S = NEMA 4X Stainless Steel

Probe Type (Note 1)

0 = Standard
1 = Standard, Kynar® Coated (Max. length 60" or 1524mm)
2 = Food Grade
4 = Stub
5 = Heavy Duty
6 = Heavy Duty Kynar® Coated
8 = Flush (Use "A" Configuration Only)
A = Armored Food Grade (Use "A" Configuration Only)
T = Teflon® Jacketed Standard Probe
U = Teflon® Jacketed Heavy Duty Probe
F = Fly Ash Probe

Electronics

C = Standard 2 pF With Function Test
D = Sensitivity Modification With Function Test

RF-6000 Radio Frequency Type Series

- Two-wire device
- Unit is Intrinsically safe when used with FM approved barriers
- Function test electronics
- Analog output (4 or 20mA)
- PRO-GUARD®
- Variable time delay
- External power and alarm LEDs
- Dual mounting 3/4" or 1 1/4" NPT

Note 1: For 3A Sanitary Certification, add "3A" at end of the Model Code. Configuration "S" must be used and either "Type 2" Food Grade probe or "Type 4" Stub probe.

Note 2: All models are intrinsically safe when used w/approved barriers.

External Loop Power Supply Required (24VDC).

External Test "fob" must be ordered as a separate part (LRF130190).

Consult factory before applying the RF-6000 in temperatures over 160°F (71°C). Consult factory for application approval.

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