

Flame Detectors—Infrared Flame Sensor

C7015 Infrared (Lead Sulfide) Flame Detector



C7015A combination mount and 104662B and D Plug-in Lead Sulfide Cell senses infrared radiation from gas, oil, coal or dual-fuel flames.

- Used for combination or dual-fuel applications.
- Detects pilot and main flame.
- Mounts quickly and easily on a standard 3/4 in. sighting pipe.
- Works where flame rod or rectifying photocell mounts are difficult to apply.
- Includes 110634A Bushing with magnifying lens and 105134-00021 Orifice.
- Uses photoconductive lead sulfide cells 104662B and D.

Application: Used for combination or dual-fuel applications
 Approvals, Canadian Standards Association: Certified: Master Report LR95329-1
 Approvals, Factory Mutual: Approved: Report No. 24181.03
 Approvals, Industrial Risk Insurers: Acceptable
 Approvals, Underwriters Laboratories, Inc.: Listed: File No. MP268, Guide No. MCCZ
 Comments: Infrared (Lead Sulfide) Flame Detector
 Electrical Connections: Two no. 18 AWG wires
 Mounting: 3/4 in. NPT.
 Type: Infrared (Lead Sulfide)
 Temperature Ratings Ambient: 125 F max at sensor; 52 C max at sensor
 Dimensions: 1 1/4 in. diameter, 2 3/4 in. long;
 32 mm diameter, 70 mm long
 Use With: Flame Amplifiers: R7248, R7848, R7748, R7258
 Accessories: 390427A-One 3/4 x 1/2 in. reducer bushing.

ORDER NUMBER	Lead Length	Includes
C7015A1076	30 in.; 762 mm	105061 Heat Block; 390427 Reducer bushing, 3/4 x 1/2 in. (19 x 13 mm) to replace Fireye 48PT sensors on 1/2 in. sighting pipe.
C7015A1092	96 in.; 2.4 m	—
C7015A1126	48 in.; 1.2 m;	104662B Medium Sensitivity Cell.

Some products are available only through Honeywell Authorized Flame Safeguard Distributors and/or Wholesalers.