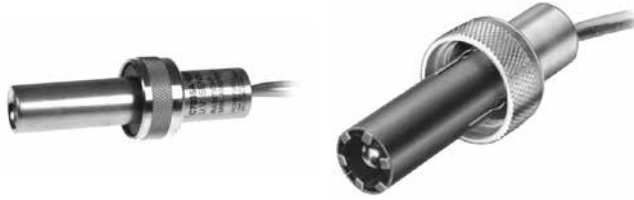


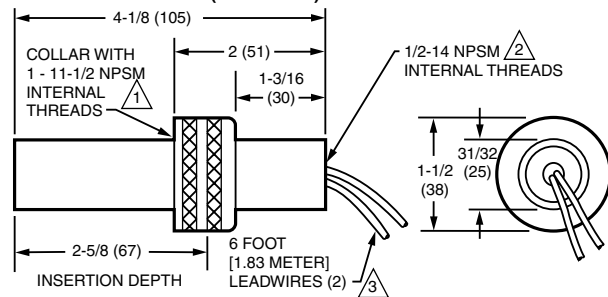
C7035 Minipeeper Ultraviolet Flame Detector



Compact flame detector for use with flame safeguard controls with ultraviolet amplifiers.

- Use with Honeywell Flame Safeguard primary safety controls and burners requiring ultraviolet flame detection.
- Mounts on a 1 in. sighting pipe by using an integral collar.
- Protects the sensing tube with a shield.
- Meets outdoor rain tight requirements of Underwriters Laboratories Inc., NEMA 4 and NEMA 4X.
- Wires in parallel for difficult sighting applications.
- Seals against pressures as high as 5 psi (34.5 kPa) when correctly installed.
- Field-replaceable ultraviolet sensing tube.

Dimensions in inches (millimeters)



- △1 DIN APPROVED C7035A1064 HAS 1-11 BSP.P1 INTERNAL MOUNTING THREADS.
- △2 DIN APPROVED C7035A1064 HAS 1/2-14 BSP-F INTERNAL MOUNTING THREADS.
- △3 C7035A1056 HAS 12 FOOT (3.66 METER) LEADWIRES.

C7035

M1945E

Type: Ultraviolet, Minipeeper

NEMA Ratings: NEMA 3 and NEMA 4

Electrical Connections: 2 NEC Class 1 leadwires

Vibration: 0.5 G max

Mounting: Integral nut for 1 in. sighting pipe.

Approximate, Dimensions: 1 1/2 in. diameter x 4 1/8 in. long (38 mm diameter x 105 mm long)

Weight: 6 oz (0.17 kg)

Approvals, Underwriters Laboratories Inc.: Listed: File No. MP268, Guide No. MCCZ

Approvals, CSA: Certified: Master Report LR95329-1

Approvals, Swiss RE: Acceptable

Approvals, Factory Mutual: Approved: Report No. 24181.03

Comments: Detects ultraviolet radiation in flames

Used With: Flame Amplifiers: R7249A, B, R7849A, B, R7749B, R7259, R7290

Material Number	Application	Lead Length	Ambient Temperature Range	Approvals, Others	Includes
C7035A1023/U	Coal fired burners; Gas fired burners; Oil fired burners	72 in. (1829 mm)	0°F to 250°F (-18°C to +121°C)		
C7035A1031/U	Coal fired burners; Gas fired burners; Oil fired burners	72 in. (1829 mm)	-40°F to +250°F (-40°C to +121°C)		
C7035A1049/U	Coal fired burners; Gas fired burners; Oil fired burners	72 in. (1829 mm)	0°F to 250°F (-18°C to +121°C)	DIN (Europe)	
C7035A1056/U	Coal fired burners; Gas fired burners; Oil fired burners	144 in. (3658 mm)	-40°F to +250°F (-40°C to +121°C)		
C7035A1064/U	Coal fired burners; Gas fired burners; Oil fired burners	72 in. (1829 mm)	-40°F to +250°F (-40°C to +121°C)		
C7035A1080/U	Coal fired burners; Gas fired burners; Oil fired burners	72 in. (1829 mm)	0°F to 250°F (-18°C to +121°C)		600F leads
C7035A1098/U	Oil fired burners; Gas fired burners; Coal fired burners	72 in. (1829 mm)	-40°F to +250°F (-40°C to +121°C)		