DESCRIPTION

The enclosed C7052C Ultraviolet/Infrared (UV/IR) Detector is used with Det-Tronics model R7409 UV/IR Controller. The C7052C is an explosion-proof, dust-tight, and water-tight housing that is designed for installation in hazardous locations in both indoor and outdoor environments.

All installation and maintenance instructions pertaining to the C7052C are contained within the R7409C/C7052C system instruction manual (form 95-8317) which is packed with the R7409C Controller when shipped.

INITIAL INSTALLATION

When performing initial system startup, read the entire system manual prior to installing the C7052C Detectors to ensure that all important factors are considered, such as detector positioning, presence of radiation absorbing gases and vapors, potential false alarm sources, and wiring requirements. These and other factors are discussed in the system manual.

REPLACEMENT

Detailed mounting instructions are contained in the system instruction manual (form 95-8317), however, for convenience, the C7052C dimensions are shown in Figure 1. Dimensions for the optional Q9001 Swivel Mounting Bracket are shown in Figure 2.

SHIPPING WEIGHT

Aluminum: 4.8 pounds (2.2 kilograms)
Stainless Steel: 7.8 pounds (3.5 kilograms)

For assistance, please contact:

Detector Electronics Corporation
6901 West 110th Street
Minneapolis, Minnesota 55438 USA
Operator: (952) 941-5665 or (800) 765-FIRE
Customer Service: (952) 946-6491
Fax: (952) 829-8750
Web site: www.detronics.com
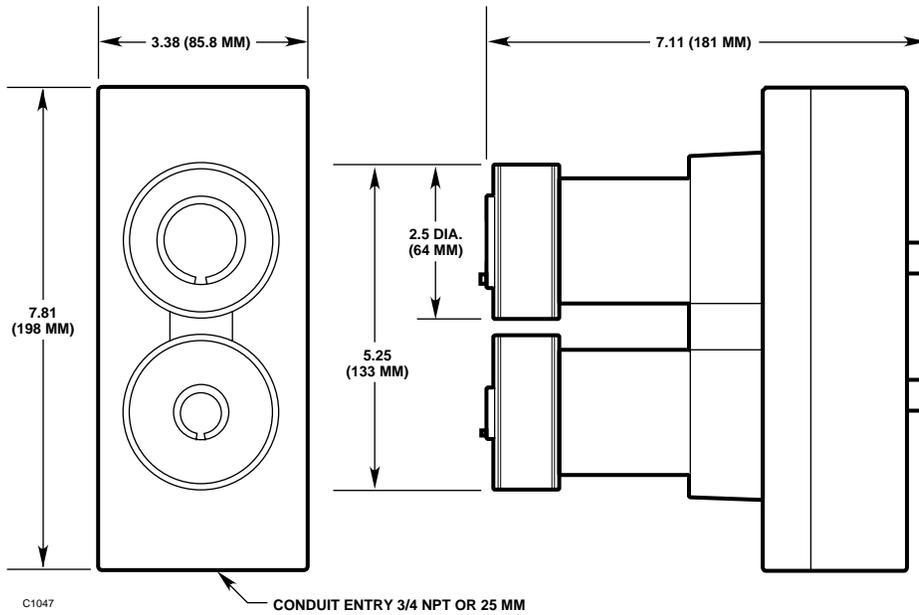E-mail: detronics@detronics.com

3.38 (85.8 MM)

7.11 (181 MM)

7.81 (198 MM)

2.5 DIA. (64 MM)

5.25 (133 MM)

C1047

CONDUIT ENTRY 3/4 NPT OR 25 MM

Figure 1—Dimensions of the C7052 Detector in Inches (Millimeters)

JUNCTION BOX MOUNTING BRACKET (ATTACHES WITH TWO ENCLOSED FLATHEAD SCREWS)

3/4 INCH NUT USED TO SECURE DETECTOR BRACKET TO SWIVEL MOUNT

1/2 INCH NUT USED TO ADJUST ELBOW TO DESIRED ANGLE

5-1/4 INCHES (133 MM)

1-3/8 INCH NUT USED TO ROTATE SWIVEL/DETECTOR ASSEMBLY TO DESIRED POSITION

MOUNTING BASE

2-1/2 INCHES (64 MM)

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120° ± 2° (2)

2.00 (50.8 MM) DIA.

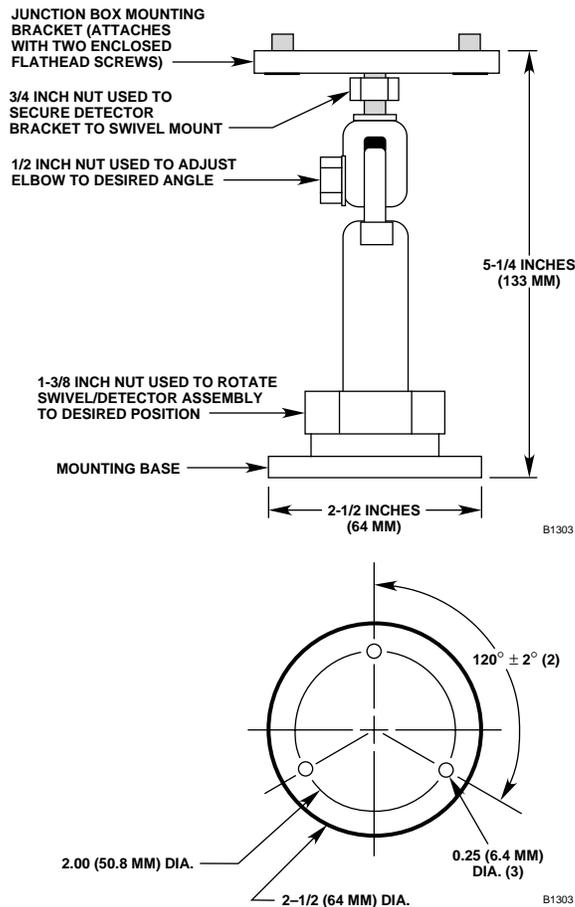0.25 (6.4 MM) DIA. (3)

2–1/2 (64 MM) DIA.

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Figure 2—Optional Q9001G Swivel Mounting Bracket Dimensions in Inches (Millimeters)

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