

# INTERNATIONAL METAL ENGINEERING

## MODEL 7092 EXPLOSION PROOF JUNCTION BOX

- EXPLOSION PROOF CERTIFIED
- IP66 CONSTRUCTION
- CHOICE OF SS316 AND COPPER-FREE ALUMINUM
- CHOICE OF TEMPERED GLASS COVER OR BLIND COVER
- WIDE SELECTION OF CONDUIT SIZES
- OPTION FOR A CUSTOMIZE SS NAMEPLATES



### Introduction

#### Material of Construction:

Copper-Free Aluminum or SS316

#### Certification:

ATEX & IECEx

#### Connections

½" NPT, ¾" NPT, M20x1.5

#### Mounting Holes

As per requirement

#### Surface Finishing

Epoxy Coated for Aluminum; Electro Polish for SS316

#### "O" Ring

Buna "N"

#### Weight

2.2 Kg (4.9 lbs) for Aluminum; 2.75Kg (6 lbs) for SS316

#### Accessories

Customized SS Nameplate

### Certification System

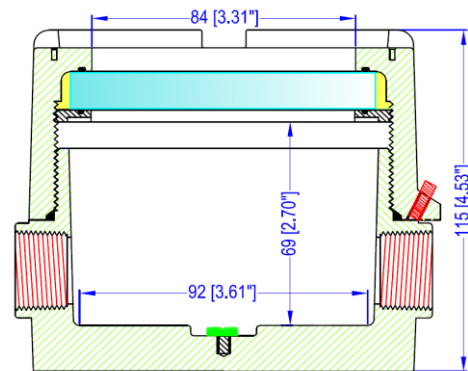


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Ex d IIC  
Ex tD A21 IP66  
Ta = -40°C to +85°C

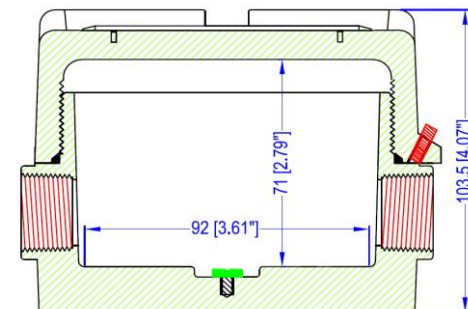


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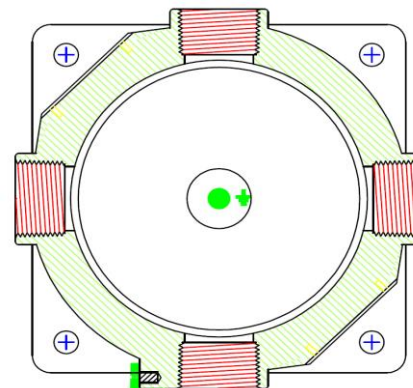
### Dimensions (Based on Aluminum Version)



CROSS SECTION WITH GLASS COVER



CROSS SECTION WITH BLIND COVER



TOP VIEW OF 4 ENTRIES

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## MODEL 7092 EXPLOSION PROOF JUNCTION BOX

IME Model 7092 Series Junction Boxes are designed to accommodate circuit boards and devices having a maximum diameter of 3.6"(92mm). Specifically designed for explosion proof applications, the housing is available in either a die-cast Copper-Free Aluminum version or investment casted SS316 to withstand applications where aggressive atmospheres prevail. The housing can be ordered with either a tempered glass cover or solid cover. There is a wide choice of conduit and instrument entries.

### Order Information

Model	Description	
7092AN	Copper-Free Aluminum Junction Box With Blind Cover, General Purpose, Epoxy Coated	
7092AT	Copper-Free Aluminum Junction Box With Blind Cover, ATEX & IECEX Explosion Proof Certified, IP66, Epoxy Coated	
7092WN	Copper-Free Aluminum Junction Box With Tempered Glass Cover, General Purpose, Epoxy Coated	
7092WT	Copper-Free Aluminum Junction Box With Tempered Glass Cover, ATEX & IECEX Explosion Proof Certified, IP66, Epoxy Coated	
7092TN	Stainless Steel Junction Box With Blind Cover, General Purpose	
7092TT	Stainless Steel Junction Box With Blind Cover, ATEX & IECEX Explosion Proof Certified, IP66	
7092SN	Stainless Steel Junction Box With Tempered Glass Cover, General Purpose	
7092ST	Stainless Steel Junction Box With Tempered Glass Cover, ATEX & IECEX Explosion Proof Certified, IP66	
<div><div></div><div></div><div></div></div>	<b>Code</b>	<b>Entries (See Details Below)</b>
	00	1 Entry
	01	2 Entries at 180°
	02	2 Entries at 90°
	03	3 Entries
	04	4 Entries
	<b>Code</b>	<b>Connections</b>
	05	½" NPT
	07	¾" NPT
	22	M20 x1.5P (SEE NOTE 1)
7092WT	03	07 ← Typical Model Number

### Note:

1. A temporary metric label is required when a metric thread is selected.

