



DET-3050-321

321 Bottom Fire Detonator, RDX

TECHNICAL INFORMATION:

APPLICATION:

Fluid sensitive, side initiating detonator used in slick and scalloped guns of all sizes for thru-tubing and casing perforating. If the gun floods the the detonator will “wet-out” after 5 minutes of exposure and prevent the detonation of a flooded gun.

RATING:

TEMPERATURE RATING:

350°F (177°C) for 1 hour
225°F (107°C) for 200 hours

SPECIFICATIONS:

TYPE:

Fluid sensitive

RESISTANCE:

51.0 Ω

ALL-FIRE LEVEL:

1.0 Amp

NO-FIRE LEVEL:

0.2 Amps for 5 min.

STATIC SENSITIVITY:

MIL-DTL-23659F (25 kV, 500 pF, 500 Ω)

TEST RELIABILITY:

99.99% @ 95% confidence level

EXPLOSIVES:

BASE CHARGE:

5.7 grains (RDX)

PRIMARY EXPLOSIVE:

2.0 grains (Lead Azide)

PACKAGING:

QUANTITY PER BOX:

10 (can be packaged up to 50 per box)

NET EXPLOSIVE WEIGHT:

6.75 grams

NET ITEM WEIGHT:

63 grams

TOTAL PACKAGE WEIGHT:

2 lbs

BOX DIMENSIONS:

12.25 in. X 7.5 in. X 3.25 in.

SHELF LIFE:

5 years from DOM (in original packaging)

PACKAGE TYPE:

4G fiberboard box

Detonator Part Number:

DET-3050-321

D.O.T EX Number:

EX2013120829

Shipping Class:

1.4S

CE Number:

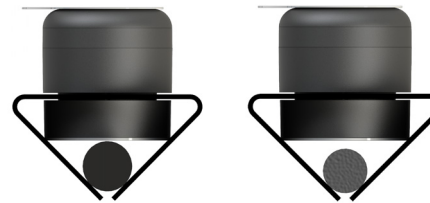
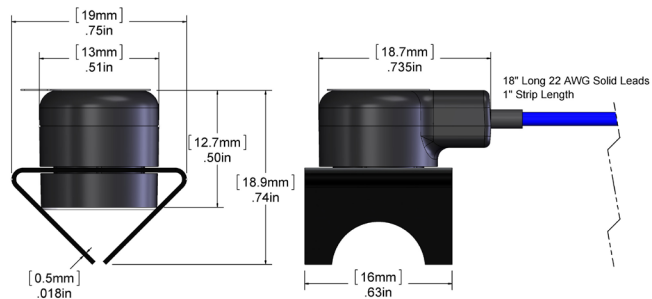
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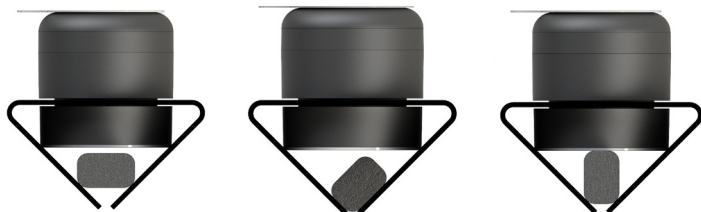
IMPORTANT NOTES:

Please read User Manual (MAN-DET-321) for further installation instructions.



80 gr/ft Round

40 gr/ft Round



40 gr/ft Ribbon
Horizontal

40 gr/ft Ribbon
Diagonal

40 gr/ft Ribbon
Vertical

There will be six (6) small fluid holes visible after the top “Remove Before Use” sticker is removed, which must be removed just prior to deployment. These holes are necessary to allow fluid to enter into and desensitize the detonator in the event of a gun leakage. **DO NOT REMOVE THE BOTTOM, PLAIN WHITE STICKER.** Please refer to the User Manual (MAN-DET-321) for details on compatible detonating cord types.