## HMX Block Detonator (RED®), 1.0 Grams

| Part No.: | 102478439 |
| CE Certificate No.: | CE0519, ENB/D/008 |
| DOT EX No.: | EX1995010044 |

### TECHNICAL DRAWING

1. Housing
2. Detonator
3. Wires (Positive and Negative)
4. Circuit assembly
5. End Cap

### TECHNICAL INFORMATION

**APPLICATION:** Electric detonator for oilfield use.

**EXPLOSIVE COMPONENTS:**
- Detonator Type: Bottom Fire
- Base charge: HMX, 0.85 gm
- Ignition charge: THKP: 0.15 gm

**TEMPERATURE LIMITS:**
- 375 °F / 191 °C for 1 h

**PERFORMANCE:**
- All fire voltage of 325 VDC, either polarity
- Dump fire recommended firing method

**SHELF LIFE:**
- 5 years when stored unopened in original packaging. Storage temperature:
  - 0 C / 32 F min
  - 54 C / 130 F max

**DISPOSAL:**
- Dispose of product not suitable for oilfield use according to applicable laws and regulations.

### PACKING INFORMATION

- **Quantity per box:** 20 pieces
- **Gross weight per box:** 2.97 kg (6.55 lbs)
- **Net weight per box:** 0.77 kg (1.7 lbs)
- **NEC per box:** 0.0200 kg
- **Box dim:** 36.3 X 30.6 X 21.3 cm
  - 14.3 X 12 X 8.4 in

Package type: Enclosed by Foil bag, then placed into fiber tube with metal ends inner package; up to 20 inner packages are placed into the raised insert with holes inside a fiberboard box.

Product Designation: HES-APRV-003

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