

RIODET XP

Electric Extreme Pressure Seismic Detonator

www.maxam.net

RIODET EXTREME PRESSURE

Seismic RIODET XP is a highly water resistant, strong and reliable detonator with excellent response time.

Seismic RIODET XP is manufactured in a wide range of lengths, with duplex wire 0.8 mm in diameter covered with polyethylene, making seismic RIODET XP suitable for extreme conditions and able to withstand temperatures of up to -40°C.

Seismic RIODET XP is designed so that the short circuit device can be removed easily before use.

Seismic RIODET XP detonators also provide a high level of security against static electricity, extraneous electric currents, and electromagnetic radiation produced by radio transmitters.

Seismic RIODET XP detonators feature a special SBR-PVC water seal bushing, which has been proven to be optimal for this application.

Seismic RIODET XP detonators are rigorously tested under 20 kg/cm² for 72 hours and periodically with 200m water column pressure for 2 months, making it optimal for extreme difficult conditions.

Advantages

- Features under 1 millisecond response time.
- Proven to have a superior seal (SBR-PVC water seal)
- Safe against static electricity, electromagnetic inductions and extraneous electric currents
- Specifically designed for extreme difficult conditions.



1. Safe and easy to remove shunt cover.



2. #8 strength detonator fitted with a triple crimp.



3. Duplex copper wire with polyethylene coating

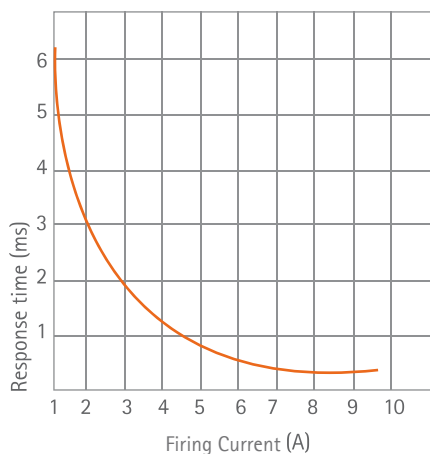


4. Water resistant label which includes Delay Period, Length and Lot Number.

Electrical Characteristics (Nominal values)

Bridge Resistance (ohms)	0,3-0,5
Trigger pulse (mW.s/ohm)	8-16
Safety Current A	0,45
Recommended minimum firing current for response time of less than 1 ms	5

Initiation Time (Nominal values)



Special Packaging, Class 1.4B (nominal values)

Length (m)	Units/Box	Wire Diameter (mm)	Wire Resistance (ohms/m)	Net Weight (kg)	Gross Weight (kg)
4	250	0,80	0,035	13	15
7,5	200	0,80	0,035	18	20
11	100	0,80	0,035	13	15
14	100	0,80	0,035	17	19
17	80	0,80	0,035	16	18
20	80	0,80	0,035	19	21
26	50	0,80	0,035	15	17



Transport Classification

Special Packaging

Class	1.4B	1.4S
UN Number	UN 0255	UN 0456

Contact your local MAXAM representative for further information.

SAFETY WARNING

Read the Instructions Safety Sheet and the Material Safety Data Sheet provided carefully before using RIODET. RIODET detonators must not be used in flammable environments such as methane or coal dust. MAXAM strongly recommends not to use RIODET products with detonators and/or initiation systems supplied by other manufacturers in the same blast and declines all responsibility in these cases.

RIODET detonators must be stored at moderate temperatures in a dry and well ventilated place.

LEGAL WARNING AND EXCLUSION OF RESPONSIBILITY

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