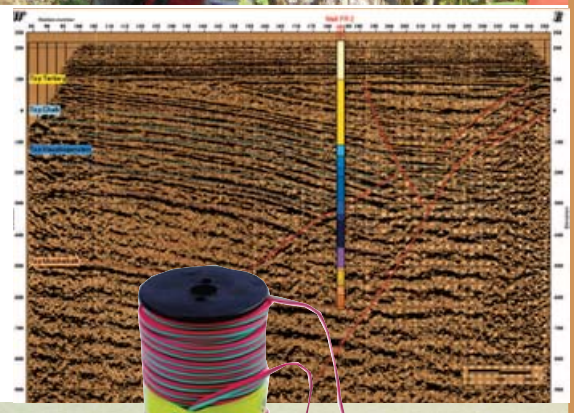
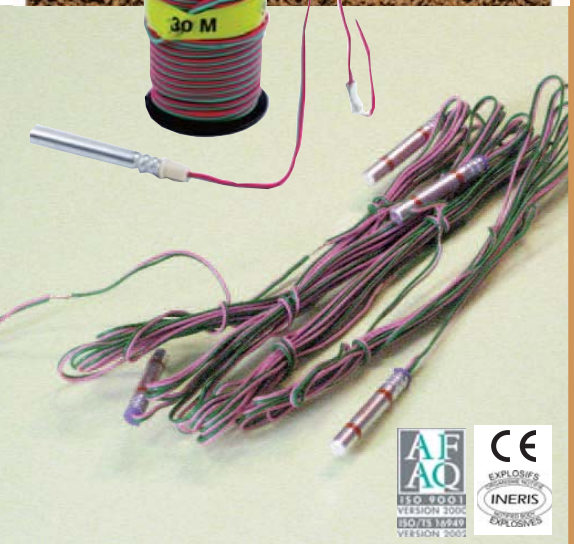
daveydet®SR

Seismic Electric Detonators





Thanks to decades of close cooperation with major oil companies and geophysical contractors worldwide, Davey Bickford is recognized for its ability to design and manufacture initiation systems which can be operated in extremely hostile environments.

Accuracy

daveydet®SR detonators offer a **maximized accuracy** in geophysical data acquisition surveys. **With a firing time of less than 1 millisecond under 5 Amperes**, **daveydet®SR** detonators are among the most accurate and lowest dispersion seismic electric detonators ever proposed. They are commonly used in either 2D or 3D patterns.

Safety

High density polyethylene insulation of wires offers a good abrasion resistance, while triple crimping of the detonator ensures excellent **water resistance**.

daveydet®SR detonators are highly resistant to **electrostatic discharges,** stray currents and electromagnetic interferences in comparison with standard detonators. Each fusehead is protected with an insulating anti-static sleeve acting as a spark gap.

The 0.8 g PETN charge confers a full priming compatibility with boosters or emulsion-based explosives

Reliability

Davey Bickford quality system has earned international certifications. **daveydet®SR** exceeds IAGC standards and is consequently operated all over the world.

All steps of production of the **daveydet®SR** detonator are carefully controlled. A 0.5% of the total production is even fired and monitored to ensure the perfectly control firing time response.

Full Product Range

daveydet®SR is available with either duplex copper wires or duplex galvanized steel wires.

daveydet®SR detonators with galvanized steel leadwires offer a very good resistance to abrasion and an exceptional water resistance. Their steel wires provide an excellent ESD protection. They must be fired with seismic blasters with an ohmic value above 80 ohms. They are not suitable with multiple hole pattern shots - see system capability in technical datasheets.

daveydet®SR detonators with copper leadwires are considered as a standard in the market of seismic research and have been used in many countries with great success. Available in folded wires of up to 10 meters, and in spools from 10 to 50 meters.

NITRO-BICKFORD

International Sales, Paris - France
Tel : 33 (0) 1 40 69 80 91 - Fax : 33 (0) 1 40 69 80 98
venteexport@nitrobickford.fr