

daveydet® SR

Seismic Electric Detonators



EC type examination
Certificate 0080.EXP.98.0069



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 the most hostile environments.

daveydet®SR detonators offer a **maximized accuracy** in geophysical data acquisition surveys.

Accuracy

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 can be used for 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 providing a spark gap.

The 0.8 g PETN charge confers a full priming compatibility with the new generation of explosives.

Reliability



Thanks to its quality system, Davey Bickford has earned international certifications. **daveydet®SR** comply with IAGC standards and can consequently be operated all over the world.

All steps of production of the **daveydet®SR** detonator are carefully controlled. 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 with galvanized steel leadwires offer a very good resistance to abrasion and an exceptional water resistance, as they can be used after 7 days of immersion at 13 bars. Steel wires provide an excellent ESD protection. They must be fired with exploders of maximum ohmic value above 80 ohms and they are not suitable for the largest multiple pattern shot with long leadwires (see technical specifications for ohmic resistance value).

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.

high-tech **initiation** company

 **davey bickford**

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