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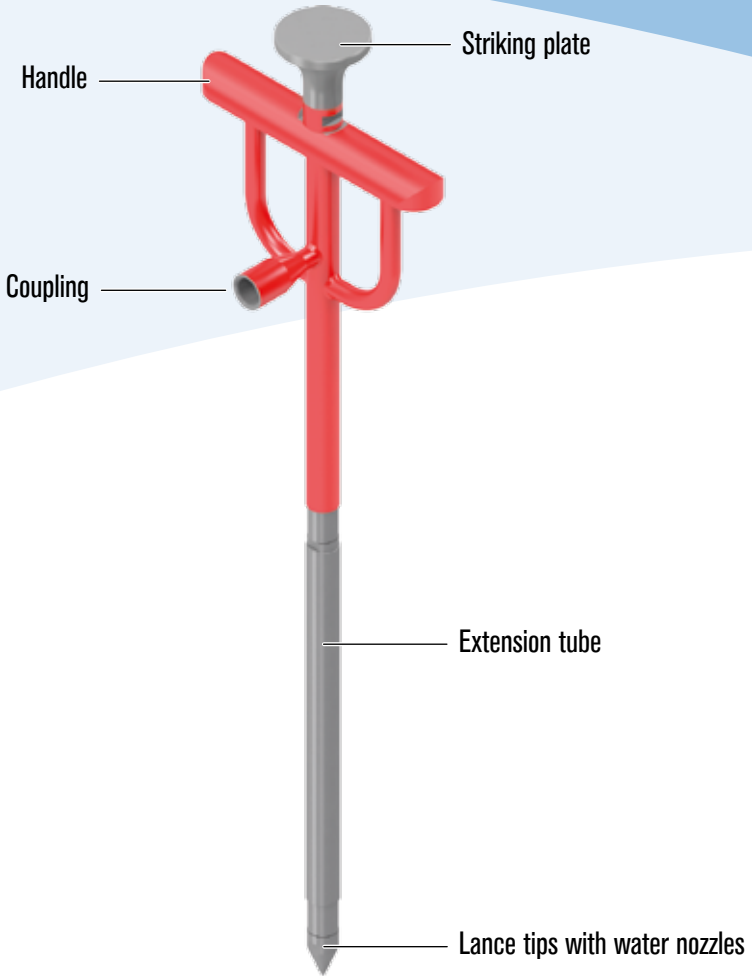
E-Extinguishing Lance for Batteries

User Manual



www.murer-feuerschutz.de

E-Extinguishing Lance for Batteries



Safety instructions



Use the E-extinguishing lance exclusively for extinguishing fires in batteries with a voltage <math>< 1,000 \text{ V}</math>.



Only use the E-extinguishing lance according to the details in these instructions. Improper use of the E-extinguishing lance can result in personal injury and damage to property!

Intended use

The E-extinguishing lance is designed for extinguishing fires in motor vehicle batteries.

Unauthorized conversions, modifications and unspecified use shall always exclude the manufacturer from any liability for resultant damage.

Operating instructions

The direct introduction of the lance tip into the battery can quickly and efficiently extinguish a fire.

Assembly

- ▶ If necessary, replace the lance tip, nozzle or the extension tube using a commercially available open-ended spanner.

Operation

- ▶ Extinguish a fully developed vehicle fire with water, foam or wetting agent (additives). Good extinguishing results have been achieved here with additive F 500. Observe the regional standards when doing this.
- ▶ Deactivate the high-voltage system as quickly as possible in accordance with the rescue data sheet. Disconnect the charging line if possible.
- ▶ Prepare the E-extinguishing lance if there are indications of a

battery fire (exothermal reaction detectable).

- ▶ Select the correct impact location for the E-extinguishing lance at the vehicle in accordance with the rescue data sheet.
- ▶ Install the matching extension tube on the E-extinguishing lance depending on the application position.
- ▶ Connect a booster line to the coupling of the E-extinguishing lance.
- ▶ Move the E-extinguishing lance into position and secure it.
- ▶ Open the hose shut-off.
- ▶ Move the lance tip into the battery box with the help of a second operator who uses a striking tool (sledgehammer) to knock on the striking plate of the E-extinguishing lance. The lance tip with nozzle openings must have safely penetrated the battery box.
- ▶ If the E-extinguishing lance slips or is positioned too deeply, reposition it.
- ▶ After a few moments, the extinguishing effect is noticeable.
- ▶ Allow the extinguishing agent to run without interruption until sufficient cooling of the battery components after extinguishing the battery fire is guaranteed.



Always open and close the hose shut-off slowly so as not to cause the extinguishing agent to rebound!

Earthing and potential equalisation

To ensure personal protection, the E-extinguishing lance in the handle area is designed with insulation for a voltage < 1,000 V. However, it is possible to create a conductive connection using the existing M 8 fastening screws with wing nuts on the coupling or the impact button.



Important! Only use earthing material which is approved for use by the fire brigade, e.g. „Earthing kit according to GW-G DIN 14555-12“. With this the earthing can be established safely, quickly and clearly.

Technical data

Material	Stainless steel
Length (with extension tube 500 mm)	1,105 mm"
Weights	
■ E-extinguishing lance complete (handle, extension 500 mm, tip)	7,915 g
■ E-extinguishing lance without extension	6,890 g
■ Lance tip	210 g
■ Extension tube 500 mm	820 g
■ Extension tube 1,000 mm	1,910 g
Storz coupling	
■ Design size	DIN 25/D
■ Thread	1"

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