

## Mine and pit fire extinguisher (cartridge-operated powder fire extinguisher) Classic PK 10

### Tried-and-tested fire safety for every tunnel

In underground mining (i.e. pits), fire safety and explosion protection are vital to personal safety. There needs to be a reliable way to suppress fires in mines, as well as explosions caused by firedamp.

Portable fire extinguishers provided in mine tunnels and underground vehicles must enable even untrained staff to suppress a fire quickly, safely, and effectively. To ensure that fire extinguishers remain undamaged for extended periods in challenging environments of this kind, they must satisfy stringent requirements.

The FLN Classic PK 10 mine and pit fire extinguisher has been satisfying these requirements for decades. It is one of the classic below-ground fire suppression devices and is for both work colleagues and mine rescue brigades.

### Robust enough for the harshest of environments

The FLN Classic PK 10 mine and pit fire extinguisher has more than 10 kg of ABC TOTALIT G CEN powder fire suppression agent and is very robust by design. Its tough steel cylinder is able to withstand adverse mechanical events such as collision impacts or rock fall.

If necessary, all attachments such as hose and fittings can be protected under a fold-up metal cover. The compressed gas bottle is also well protected - it is located inside the cylinder.

### Portable, targeted fire suppression

In serious situations, the FLN mining and pit fire extinguisher is intuitive, quick, and safe to use. The carry-handle on the cylinder cover makes the Classic PK 10 portable, and easy to take to fight a fire.

The delivery nozzle can rotate and can be turned off at any time. This provides a targeted way of directing precise quantities of fire suppression agent at a fire.

### Applications

- Underground mining
- Mining and ore extraction in general
- Mine vehicles
- Fire suppression for all materials in fire classes A, B and C



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### Special features

- **Mechanically robust** – Metal cover over hose and fittings protects them reliably against damage
- **Satisfies DIN EN3 stipulations** – can be used on electrical systems up to 1000 V at a safety distance of 1 metre
- **Proven and safe cartridge-operated technology** – with push-button and delivery nozzle
- **Safe operation** – with intuitively understandable functionality and a delivery nozzle with an integrated pressure relief function
- **Corrosion protection included** – tried-and-tested coating on the cylinder
- **Easy to maintain** – large service aperture and replacement parts
- **Reliable refilling after operation** – with replacement fills available at all times
- **Vehicle bracket for mine vehicles** – available in accessories
- **Fire extinguisher approval** – by Landesoberbergamt (in Germany) and by the Landesoberbergamt of North-Rhine Westphalia (also Germany)

**Note:** The German language version of this document is the official version. If this document is translated into any language other than German and there is a discrepancy between the German language version and the translation, the German language version will control.

## Technical data

Classic PK 10



Temperature	-20°C to +60°C
Installation height	570 mm
Installation width	200 mm
Weight (full)	18.0 kg
Certification	Underground mining
Cylinder diameter	185 mm

Technical changes reserved

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- ✓ welded
- ✓ coated
- ✓ filled
- ✓ tested

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