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**Certificate of compliance
with the order 2.1 according to EN 10 204**

Telephone, Name	Date	Effective date
-712, C. Dettmer	01.06.2021	31.07.2022

(N)HXCH-FE 180/E 90

We confirm that the above mentioned halogen-free security cables with improved characteristics in the case of fire are produced adapted to DIN VDE 0266.

- **Temperature range** - 30°C to + 70°C
- **Permissible operating temperature** at conductor + 90 °C
- **Nominal voltage** U₀/U 0,6/1 kV

- **Insulation integrity** 180 minutes to DIN VDE 0472 part 814
- **Functionality** 90 minutes to DIN VDE 4102 part 12

Tests

- Flame-test acc. to DIN VDE 0482-332-3-24, DIN EN 60332-3-24, IEC 60332-3-24.
- Corrosiveness of combustion gases according to DIN VDE 0482-754-1, DIN EN 60754-1, IEC 60754-2.
- Smoke density according to DIN VDE 0482 part 1034-1+2, DIN EN 61034-1+2, IEC 61034-1+2.

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

HELU KABEL GmbH
Technical Department

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