

DECLARATION OF MANUFACTURER



Product:

HVI® Conductor Ex

DEHN + SÖHNE

Product designation:

Conductor:

Part No. 819 020

Part No. 819 023

Part No. 819 022

Part No. 819 025

Part No. 819 135

Part No. 819 136

Holder:

Part No. 275 440

Part No. 275 441

Part No. 275 442

Part No. 275 498

Manufacturer:

DEHN + SÖHNE GmbH + Co.KG.

Hans-Dehn-Straße 1

D-92318 Neumarkt i.d.OPf. / Germany

Application description:

HVI® Conductors are used as insulated down conductors for discharging lightning currents within the context of external lightning protection. HVI® Conductors are part of the connection between air-termination rod and earth-termination system.

If the specified technical data are observed, absence of ignition sparks is ensured when lightning currents are discharged.

We herewith confirm that HVI® Conductors can be used in potentially explosive areas in hazardous area 1 and 2 (gases, mists, vapours) as well as in hazardous area 21 and 22 (dusts) provided that installation instructions No. 1811 and the special specifications stated in installation instructions No. 1501 are observed.

HVI® Conductors do not have their own potential source of ignition (mechanical device). Thus, requirements specified in the European Directive 94/9/EC do not have to be observed.

HVI® Conductors do not have to be certified in accordance with the European Directive 94/9/EC with respect to explosion protection.

Designing HVI® Conductors the risk of ignition due to electrostatic charging was taken into consideration. Based on specifications for conductive pipes or hoses, the semiconductive outer sheath of HVI® Conductors with a resistance of $< 10^4 \Omega m$ is sufficiently conductive.

Neumarkt i.d.OPf., August 30th, 2012

Dr.-Ing. Ralph Brocke
Director R&D Department