



DECLARATION OF MANUFACTURER

Product: **Parallel Connector Cu/galSn for explosive zones**

Product Specification: Part No. 306105 Type: PV 5.12.5 SKM8X45 GSG CUGALSN
Part No. 306106 Type: PV 5.16 SKM10X50 GSG CUGALSN

Manufacturer: DEHN SE + Co KG
Hans-Dehn-Straße 1
92318 Neumarkt, Germany

Application:

The parallel Connector Cu/galSn for explosive zones is used to establish a ring equipotential bonding system and the lightning equipotential bonding system in explosive atmospheres.

Lightning currents and short – circuit currents are discharged without formation of sparks as specified in the technical data sheet.

We herewith confirm that the parallel Connector Cu/galSn for explosive zones is suitable for the use in explosive zones 1 and 2 (gas, vapour, mist) and explosive zones 21 and 22 (combustible dust) in connection with the installation instructions, Publication No. 1923, "Parallel Connector Cu/galSn for explosive zones" and is tested according to explosion group IIC.

Parallel Connector Cu/galSn for explosive zones have no own potential source of ignition (mechanical device) and are thus not subject to the European directive ATEX 2014/34/EU.

Therefore, certification according to the European directive ATEX 2014/34/EU is **not legally admissible** and **not necessary** with respect to explosion protection.

A handwritten signature in blue ink, appearing to read "R. Brocke", is written over a horizontal line.

Neumarkt, September 24th, 2019

Dr.-Ing. Ralph Brocke
Director R&D