

(1) EC TYPE-EXAMINATION CERTIFICATE



- (2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - **Directive 94/9/EC**
- (3) EC Type-Examination Certificate Number

TÜV 14 ATEX 7565 X

- (4) **Equipment:** Explosion Protected Plug and Socket Device 16 A type 5516/**/**/(*****)
- (5) **Manufacturer:** WISKA Hoppmann & Mulsow GmbH
- (6) **Address:** Kisdorfer Weg 28, 24568 Kaltenkirchen, Germany
- (7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) The TÜV Rheinland Zertifizierungsstelle for ex-protected products of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.
The examination and test results are recorded in the confidential report 557 / Ex 565.00 / 14
- (9) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:
EN 60079-0: 2012 EN 60079-1: 2007 EN 60079-7: 2007 EN 60079-31:2014
except the requirements, which are listed under item (18).
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This EC-Type-Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.
- (12) The marking of the equipment shall include the following:



II 2 G Ex de IIC T6...T5 Gb
II 2 D Ex tb IIIC T65°C Db

TÜV Rheinland ExNB for explosion protected equipment

Cologne, 2016-03-01

Dipl.-Ing. Klauspeter Graffi

This EC-Type-Examination Certificate without signature and stamp shall not be valid.
This EC-Type-Examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the TÜV Rheinland Notified Body of TÜV Rheinland Industrie Service GmbH, Am Grauen Stein 51105 Köln
Tel. +49 (0) 221 806-0 Fax. + 49 (0) 221 806 114

(13)

Annex to

(14)

EC-Type Examination Certificate TÜV 14 ATEX 7565 X

(15)

Description of equipment

15.1 Equipment and type:

Explosion Protected Plug and Socket Device 16 A,
type 5516/**/**/(*****)

15.2 Description

General product information

The explosion Protected Plug and Socket Device 16A serves for tool less connecting of movable voltage source and electrical loads.

The Plug and Socket Device 16A for low voltage are equipped with a load switch and are to be used up to a current of 16 A. The explosion Protected Plug and Socket Device 16A consist of a socket and a plug.

They socket consist basically of a bottom enclosure and a cover made of brass cast.

The bottom part is equipped with a separately certified flange–mounting socket outlet type GHG 5118 * * * * *. (BVS 15 ATEX 101 U)

The plug consists of a plug enclosure and a plug insert. The plug enclosure is made of brass cast. The cable relief is located inside the plug enclosure.

Plug and socket will be plugged together and secured by a twisting ring.

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(16) **Test-Report No.** 557/Ex 565.00 / 15

Parts of the device, which already fulfill the requirements for the category, were not approved and assessed by TÜV Rheinland Industrie Service.

The applicability and assembly of mechanical and electrical parts and components were assessed and approved by TÜV Rheinland Industrie Service with respect to the requirements of explosion protection.

(17) **Special Conditions for safe use**

The natures and sizes of the threads of the cable entry is named in the manufacturer's instructions and is named in the type designation and on the marking plate.

Only separately certified cable glands which comply with the type of protection should be used.

The dust exclusion tests were carried out with cable glands and blind plugs tightened at the enclosure with the affiliated gasket or O-ring. Therefor for type of protection dust exclusion only separately certified cable glands with gaskets should be used.

The dimensions of the flameproof joints are in parts other than the relevant minimum or maximum values of EN 60079-1:2007. For information on the dimensions of the flameproof joints contact the manufacturer.

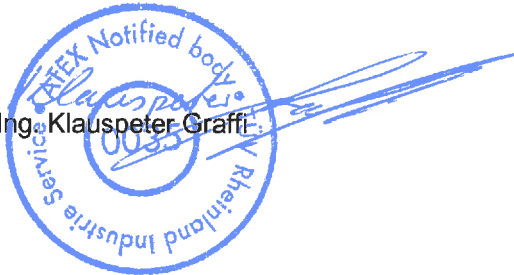
(18) **Basic Safety and Health Requirements**

Covered by afore mentioned standard

TÜV Rheinland ExNB für explosion protected equipment

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