

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **58 587 - 08 HH**

Company **BD SENSORS GmbH**
BD-Sensors-Straße 1
95199 Thierstein, GERMANY

Product Description **Pressure Transmitter (with capacitive ceramic sensor)**

Type **DMK 456 (Standard version)**
DX14A-DMK 456 (Ex version)

Environmental Category **D, F, EMC1**

Technical Data /
Range of Application **Power supply: 24V DC rated (14 ... 28V DC)**
Output signal: 4 ... 20 mA, 2-wire
Input pressure range: 0 ... 0.04 up to 0 ... 20bar (0 ... 0.4 up to 0 ... 200mWC)
Electrical connection: field housing
Mechanical connection: inch, NPT, metric thread or flange
Material pressure port and housing: stainless steel 1.4404 (316L)

Explosion protection (optionally for field housing): according to the certificate
IBExU07ATEX1180 X

Degree of protection: IP 67 (field housing)

Software requirement class 3

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2, Edition 2003**

Documents **Test reports no: EMV Services 04/3210-3, Paconsult 269-03, Car Synergies P05-0030;**
Data sheet: DMK456_01.06.2013, Assembly drawings, drawings electronic boards (amplifier electronic+EMC boards): ELI 17+EMV 44, EMV45 (field housing);
EC-Type Examination Certificate no.: IBExU07ATEX1180 X

Remarks **For Ex version the safety technical maximum values specified in the Ex-proof certificate to be observed.**

Valid until **2018-05-08**

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File No. **I.D.03**

Hamburg, 2013-11-08

Type Approval Symbol



Germanischer Lloyd

Marco Rinkel

Klaus-Peter Schröder