



# Type Approval Certificate

Germanischer Lloyd

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. 24 288 - 04 HH

Company BD SENSORS GmbH  
BD-Sensors-Straße 1  
D-95199 Thierstein

Product Description Pressure Transmitter

Type DMK 457, DMP 457

Environmental Category D, EMC 1

Technical Data /  
Range of Application Type DMK 457 with thick film ceramic sensor element  
Type DMP 457 with piezoresistive stainless steel sensor element  
Power supply: 24V DC rated (12...36V DC)  
Output signal: 4...20mA, 2-wire, loop powered  
Accuracy: 0.35% FS (DMP 457), 0.5% FS (DMK 457)  
(see manufacturer's data sheet for more details)  
Input pressure range: gauge absolute  
DMK 457: -1..0 / 0..0.6 to 0..600 bar 0..0.6 to 0..600 bar  
DMP 457: -1..0 / 0..0.04 to 0..600 bar 0..0.1 to 0..600 bar  
Electrical connection: plug according to DIN 43650 (standard)  
cable gland or cable outlet (optional)  
Mechanical connection: screw-in G1/2", M20x1.5 (standard)  
Degree of protection: IP 65 (plug DIN 43650)  
IP 67 (cable gland)  
IP 68 (cable outlet)

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

Documents Test Reports: EMV Services No. 04/3210-3, Paconsult No. 269-03  
Test Report: Car Synergies No. P05-0030  
Technical Data Sheets: DMP 457 (DMP457\_E\_300904), DMK 457 (DMK457\_E\_300904)  
Construction drawings, circuit diagrams, component lists

Remarks None

Valid until 2010-04-10

Page 1 of 1

Type Approval Symbol



File No. I.D.03

Hamburg, 2005-04-11

Germanischer Lloyd

*J. Wittburg*  
J. Wittburg

*D. Lesniewski*  
D. Lesniewski

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".