



Czech

# INSPECTION CERTIFICATE

File number **11.412.422 rev.1**

issued by inspection body No. 4002 accredited by CAI according to  
ČSN EN ISO/IEC 17020:2012 for company:

**BD SENSORS s.r.o**  
**Hradištská 817**  
**687 08 Buchlovice**

On the basis of results conducted 2017-12-11, which are listed under Inspection report of TÜV SÜD Czech file No.: 11.359.989 we hereby confirm conformity of the below mentioned device:

Name: **Digital pressure sensor**  
Type: **XMP i**  
Modifications: **XMP i 511-1001-AN-I-1.AKO-100-1-1-1-000**  
Serial number: **1900191**

with requirements **ČSN EN 61508-1 ed.2:2011 (idt EN 61508-1:2010),**  
**ČSN EN 61508-2 ed.2: 2011 (idt EN 61508-2:2010), ČSN EN 61508-3 ed.2:2011**  
**(idt EN 61508-3:2010) as a system related to the safety integrity level of SIL 2.**

## Valid conditions:

listed in Inspection Report of TÜV SÜD Czech file No.: 11.359.989 of 2017-12-11.  
For detailed technical data, see page 2.

This language version of the inspection certificate is a translation of a Czech official version No. 11.359.989 issued on 2017-12-11, which is deemed the only one applicable in the event of legal disputes and was printed on 2017-12-11.

In Ostrava, on 2017-12-11



On behalf of TÜV SÜD Czech s.r.o. : **Michal Svrček**

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Scope of measured pressures: 0,0 – 1,0 bar  
Power supply: 12 ÷ 20 V DC  
Output signal: 4 ÷ 20 mA/2-v HART Ex  
Non-explosive design: Ex ia  
II 2G Ex ia IIB T4 Gb  
II 1D Ex ia IIIC T85 °C Da

Degree of protection: IP67