

1. SUPPLEMENT

according to Directive 94/9/EC Annex III.6

to EC-TYPE-EXAMINATION CERTIFICATE PTB 02 ATEX 2062 X

(Translation)

Equipment: Pressure transducer Cerabar T, types PMP 131/135, and measuring transducer P40/41

Marking:  II 1/2 G or II 2 G EEx ib IIC T6

Manufacturer: Endress+Hauser GmbH+Co. KG

Address: Hauptstrasse 1, 79689 Maulburg, Germany

Description of supplements and modifications

The pressure transducer Cerabar T, type series PMP 131/135, and measuring transducer P40/41 will be made and operated in accordance with the test documents listed in section 3 of the test report.

The changes concern the standards, the marking, the internal construction and the electrical data..

The marking is changed as follows:

 II 1/2 G Ex ib IIC T6 Ga/Gb or II 2 G Ex ib IIC T6 Gb

Electrical data

Supply and signal circuit
(terminals:
1 & 2 for appliance connector
1 & 3 for circular connector
red/white for cable end)

Type of protection Intrinsic Safety Ex ib IIC

Only for connection to a certified intrinsically safe circuit with the following maximum values:

U_i	=	26	V
I_i	=	100	mA
P_i	=	800	mW

Sensor without cable: $C_i = 3 \text{ nF}$
 $L_i = 0$

Sensor with cable: $C_i = 3 \text{ nF} + C_{\text{cable}}$
 $L_i = L_{\text{cable}}$
 $C_{\text{cable}} \leq 200 \text{ pF/m}$
 $L_{\text{cable}} \leq 1 \mu\text{H/m}$

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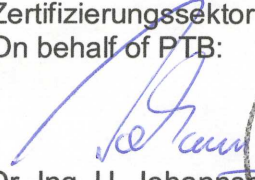
Applied standards

EN 60079-0:2009, EN 60079-11:2007, EN 60079-26:2007

Test report: PTB Ex 11-21265

Zertifizierungssektor Explosionsschutz
On behalf of PTB:

Braunschweig, December 21, 2011


Dr.-Ing. U. Johannsmeyer
Direktor und Professor

