

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. 42 863 - 02 HH

Company Endress + Hauser GmbH + Co. KG

Hauptstraße 1
79689 Maulburg, GERMANY

Product Description Pressure Transducer, Cerabar T

Type PMP 131, PMC 131

Environmental Category D, EMC1

Technical Data / Measuring of absolute or relative pressure of gases, vapours and liquids.

Range of Application

PMP 131:

Measuring range: 0...1 to 0...400 bar

Power supply: 12...30V DC, 4...20mA loop powered or 24V DC,

(to be powered by RN 221 N or other GL-approved power supply unit)

Output: analogue 4...20mA 2-wire or switch output 3-wire (PNP Transistor)

Electrical connection: cable (Pg11) or plug DIN 43650/A

Process connection: Thread > 1/4

PMC 131:

Measuring range: 0...100 mbar to 0...40 bar

Power supply: 12...30V DC 4...20mA loop powered

(to be powered by RN 221 N or other GL-approved power supply unit)

Output: analogue 4...20mA 2-wire

Electrical connection: cable (Pg11) or plug DIN 43650/A

Process connection: Thread > 1/2

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

Documents

Test reports: No. int/27.02.02/516 of E+H, PTC_E_02_13/-14 of E+H

Test reports: No. 28/02-G2 of paconsult; FES_E_06_027_GL

Technical data: T100415P/00/EN/16.12;

Circuit diagrams, technical drawings, layouts

Remarks

GL-approved power supply unit required.

Valid until 2018-05-06

Page 1 of 2

File No. I.D.01

Hamburg, 2013-09-24

Type Approval Symbol



Germanischer Lloyd

Marco Rinkel

Klaus-Peter Schröder

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. **42 863 - 02 HH**

Product description

Cerabar T PMP131

Product structure Based on / related to approval drawing 960015829		10 20 30 40 50
10 =	Electrical Connection:	A1, A2, A4, A5, 99* (*Only allowed modification = standardized cable entries)
20 =	Process Connection:	Any letter and/or number combination
30 =	Output:	D, 0, 1, 5, 9
40 =	Additional Option:	Any letter and/or number combination
50 =	Measuring Range; Sensor Overload Limit:	Any triple letter and/or number combination

Cerabar T PMC131

Product structure Based on / related to approval drawing 960015828		10 20 30 40 50
10 =	Electrical Connection:	A1, A2, A5, B1, B5, C1, C2, C5, 99* (*Only allowed modification = standardized cable entries)
20 =	Process Connection:	Any letter and/or number combination
30 =	Sensor Seal:	E, F, S, Y
40 =	Additional Option:	Any letter and/or number combination
50 =	Measuring Range; Sensor Overload Limit:	Any triple letter and/or number combination

Valid until **2018-05-06**

Page **2 of 2**

File No. **I.D.01**

Hamburg, 2013-09-24

Type Approval Symbol



Germanischer Lloyd

Marco Rinkel

Klaus-Peter Schröder

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