

# 防爆構造電気機械器具型式検定合格証

## Type Approval Certificate for Ex-Equipment

型式検定合格番号 Certificate Number	DEK18.0046 Issue Number: 2
申請者 Applicant	Endress+Hauser SE+Co. KG
申請者住所 Address	Hauptstrasse 1, 79689 Maulburg, Germany
製造者 Manufacturer	Endress+Hauser SE+Co. KG
製造者住所 Address	Hauptstrasse 1, 79689 Maulburg, Germany
品名 Equipment	Pressure Transmitter, Cerabar S
型式の名称 Type Identification	PMP71-L*A***** (see below for variants)
防爆構造の種類 Type of Protection	耐圧防爆構造 (d b) Flameproof enclosures "db"
対象ガス又は蒸気の発火度、爆発等級及び機器保護レベル (EPL) Group, Temperature Class and EPL	IIC T6 Gb
適合規格 Applicable standards	JNIOSH-TR-46-1 : 2015 JNIOSH-TR-46-2 : 2018
法規 Regulation	DEKRA Certification B.V. 認証は、本機器が機械等検定規則 (労働省令第 45 号 : 昭和 47 年 9 月 30 日、最終改正 : 平成 28 年 6 月 30 日厚生労働省令第 121 号) に基づいた型式検定に適合したものを証するものである。 DEKRA Certification B.V. certifies that this equipment has been found to comply with the Type Approval according to Ordinance No. 45 of 30 September 1972 and the latest amendment: Ordinance No. 121 of 30 June 2016 by the Japanese Ministry of Health, Labour and Welfare.
定格 Rating	周囲温度 - 20 °C ~ + 60 °C 被測定物温度 - 40 °C ~ + 75 °C Ambient temperature - 20 °C to + 60 °C Process temperature - 40 °C to + 75 °C 同一型式は下記参照 see below for variants
使用条件 Specific condition of use	無し None.

機械等検定規則による型式検定に合格したことを証明する。

The Equipment passed the Type Approval according to the inspection rule for machinery.

Date of certification: 2024 年 07 月 11 日

L.G., van Schie

型式検定実施者  
Certification Manager DEKRA Certification B.V.

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レポート番号 Report Number	420159200-4, Issue 1					
有効期間 Duration of Validity (yyyy-mm-dd)	Issue No. 0	2018-09-17	to	2021-09-16	初回検定 Initial certificate	Order No. 420159200
	Issue No. 1	2021-09-17	to	2024-09-16	記載事項変更 Changed certificate 更新検定 Renewed certificate	Order No. 225887200
	Issue No. 2	2024-09-17	to	2027-09-16	更新検定 Renewed certificate	Order No. 228850600

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同一型式 Variants	<p><b>型式の名称</b></p> <p>Pressure Transmitter, Cerabar S          タイプ PMP71-*****</p> <p style="text-align: center;"> <b>PMP71</b>    -    *    *    *    *****                    I            II    III    IV        V         </p> <table border="1" data-bbox="483 510 1369 974"> <thead> <tr> <th>位置</th> <th>説明</th> <th>名称</th> </tr> </thead> <tbody> <tr> <td>I.</td> <td>デバイスタイプ</td> <td>PMP71</td> </tr> <tr> <td>II.</td> <td>適用防爆</td> <td>L : JPN Ex db IIC T6 Gb</td> </tr> <tr> <td rowspan="3">III.</td> <td>4-20 mA HART</td> <td>A : 電源電圧 ≤ max. 45 Vdc 消費電力 ≤ max. 3 W</td> </tr> <tr> <td>Profibus PA</td> <td>M : 電源電圧 ≤ max. 32 Vdc 消費電力 ≤ max. 3 W</td> </tr> <tr> <td>Foundation Fieldbus</td> <td>P : 電源電圧 ≤ max. 32 Vdc 消費電力 ≤ max. 3 W</td> </tr> <tr> <td>IV.</td> <td>容器と電線管口</td> <td>A : T14 (アルミニウム容器), M20 x 1.5</td> </tr> <tr> <td>V.</td> <td>防爆性能と無関係</td> <td></td> </tr> </tbody> </table> <p><b>Type designation</b></p> <p>Pressure Transmitter, Cerabar S          Type PMP71-*****</p> <p style="text-align: center;"> <b>PMP71</b>    -    *    *    *    *****                    I            II    III    IV        V         </p> <table border="1" data-bbox="483 1234 1369 1675"> <thead> <tr> <th>Pos.</th> <th>Explanation</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>I.</td> <td>Device type</td> <td>PMP71</td> </tr> <tr> <td>II.</td> <td>Approval</td> <td>L : JPN Ex db IIC T6 Gb</td> </tr> <tr> <td rowspan="3">III.</td> <td>4-20 mA HART</td> <td>A : Supply Voltage ≤ max. 45 Vdc Power dissipation ≤ max. 3 W</td> </tr> <tr> <td>Profibus PA</td> <td>M : Supply Voltage ≤ max. 32 Vdc Power dissipation ≤ max. 3 W</td> </tr> <tr> <td>Foundation Fieldbus</td> <td>P : Supply Voltage ≤ max. 32 Vdc Power dissipation ≤ max. 3 W</td> </tr> <tr> <td>IV.</td> <td>Enclosure and Cable Entry</td> <td>A : T14 (Aluminium enclosure), M20 x 1.5</td> </tr> <tr> <td>V.</td> <td>Not relevant to explosion safety.</td> <td></td> </tr> </tbody> </table>	位置	説明	名称	I.	デバイスタイプ	PMP71	II.	適用防爆	L : JPN Ex db IIC T6 Gb	III.	4-20 mA HART	A : 電源電圧 ≤ max. 45 Vdc 消費電力 ≤ max. 3 W	Profibus PA	M : 電源電圧 ≤ max. 32 Vdc 消費電力 ≤ max. 3 W	Foundation Fieldbus	P : 電源電圧 ≤ max. 32 Vdc 消費電力 ≤ max. 3 W	IV.	容器と電線管口	A : T14 (アルミニウム容器), M20 x 1.5	V.	防爆性能と無関係		Pos.	Explanation	Value	I.	Device type	PMP71	II.	Approval	L : JPN Ex db IIC T6 Gb	III.	4-20 mA HART	A : Supply Voltage ≤ max. 45 Vdc Power dissipation ≤ max. 3 W	Profibus PA	M : Supply Voltage ≤ max. 32 Vdc Power dissipation ≤ max. 3 W	Foundation Fieldbus	P : Supply Voltage ≤ max. 32 Vdc Power dissipation ≤ max. 3 W	IV.	Enclosure and Cable Entry	A : T14 (Aluminium enclosure), M20 x 1.5	V.	Not relevant to explosion safety.	
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