



爆炸性环境  
Explosive Atmospheres

# 防爆合格证

CERTIFICATE OF CONFORMITY

证书编号: CMExC25.0398X

Certificate No.

产品名称 Name of Product	Intelligent pressure transmitter
产品型号 Type of Product	NCS-PT105IIxabcd
产品规格 Specification of Product	Rated voltage: 14VDC-38VDC (HART); 10VDC-32VDC (FF & PA)
防爆标志 Marking	Ex db IIC T4/T6 Gb

经对上述产品图样及技术文件的审查和样品检验, 确认符合下列标准:

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

- GB/T 3836.1-2021 Explosive atmospheres Part 1: Equipment General requirements
- GB/T 3836.2-2021 Explosive atmospheres Part 2: Equipment protection by flameproof enclosures "d"

## 说明事项

Remarks

1. IP Code: IP67;
2. End user shall use certified cable gland suitable type of protection for final installation purpose;
3. The "X" in the certificate number means: When the ambient temperature is -40°C to 60°C, the temperature class is T6; When the ambient temperature is -40°C to 80°C, the temperature class is T4; When the medium temperature is -40°C to 80°C, the temperature class is T6; When the medium temperature is -40°C to 130°C, the temperature class is T4;
4. Model description: See annex for details.

## 持证单位

Certificate Holder

**Microcyber Corporation**

## 生产单位

Manufacture

**Microcyber Corporation**

## 发证日期

Date of Issue

2025-07-02

## 有效期至

Valid Date

2030-07-01

## 签发人

Approved By

## 颁发单位

Issued By

  
**Fushun CCTEG Testing Center Co., Ltd.**

**China National Quality Supervision & Test  
Centre for Explosion proof and Safety  
Products for Coal Mines (CMExC)**





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Explosive Atmospheres

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CERTIFICATE OF CONFORMITY

证书编号: CMExC25.0398X (Annex)

Certificate No.

**Model description:**

Model	Sensor Type	Pressure Type	Range	Protocol	Structure Material
NCS-PT105II					
x	a		b	c	d
MB (Dual-clamp Sensor)	SR (Micro-differential pressure transmitter)	0 (Clamp-mounted 1kPa)	F (FF)	22 (316 Clamping Block, 316L Diaphragm)	
MC (Dual-clamp Sensor)	SA (Absolute pressure transmitter)	1 (Clamp-mounted 3kPa)	P (PA)	23 (316 Clamping Block, Hastelloy Diaphragm)	
SMB (Direct-mount Sensor)	SG (Gauge pressure transmitter)	2 (Clamp-mounted 6kPa)	H (HART)	24 (316 Clamping Block, Monel Diaphragm)	
SMC (Direct-mount Sensor)	SD (Differential pressure transmitter)	3 (Clamp-mounted 40kPa)		25 (316 Clamping Block, Tantalum Diaphragm)	
	SH (High static pressure differential pressure transmitter)	4 (Clamp-mounted 250kPa)		26 (316 Clamping Block, Titanium Diaphragm)	
		5 (Clamp-mounted 1MPa)		32 (304 Clamping Block, 316L Diaphragm)	
		6 (Clamp-mounted 3MPa)		33 (304 Clamping Block, Hastelloy Diaphragm)	
		7 (Clamp-mounted 10MPa)		34 (304 Clamping Block, Monel Diaphragm)	
		8 (Clamp-mounted 20MPa)		35 (304 Clamping Block, Tantalum Diaphragm)	
		9 (Clamp-mounted 40MPa)		42 (SS2205 Clamping Block, 316L Diaphragm)	
		1B (Direct-mounted Pressure 3kPa)		43 (SS2205 Clamping Block, Hastelloy Diaphragm)	
		1C (Direct-mounted Pressure 6kPa)		44 (SS2205 Clamping Block, Monel Diaphragm)	
		1E (Direct-mounted Pressure 40kPa)		45 (SS2205 Clamping Block, Tantalum Diaphragm)	
		1F (Direct-mounted Pressure 250kPa)		P1 (316 Direct-Mount Process Connection)	
		1H (Direct-mounted Pressure 1MPa)		P2 (304 Direct-Mount Process Connection)	
		1K (Direct-mounted Pressure 3MPa)		P3 (316L Direct-Mount Process Connection)	
		1M (Direct-mounted Pressure 10MPa)			
		1P (Direct-mounted Pressure 40MPa)			
		2C (Direct-mounted Absolute Pressure 40kPa)			
		2E (Direct-mounted Absolute Pressure 250kPa)			
		2F (Direct-mounted Absolute Pressure 1MPa)			
		2H (Direct-mounted Absolute Pressure 10MPa)			
		2P (Direct-mounted Absolute Pressure 40MPa)			

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