

ICS 25.040
CCS N 10



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 48181-2026

**Technical specification for differential pressure multi-parameter
measuring transmitter**

差压测量多参数检测变送器技术规范

(English Translation)

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Foreword

GB/T 48181-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 March 2027.

It is under the responsibility of the China Machinery Industry Federation.

Classification: ICS 25.040; CCS N 10.

1 Scope

Process measurement frequently requires a single instrument to report several quantities at once. This document is a technical specification for differential pressure multi-parameter measuring transmitters, devices that sense differential pressure and provide further measured parameters through one unit. It sets out the technical expectations for such transmitters as a product type.

Manufacturers of process instrumentation can use it to define and verify their designs, and engineering contractors, plant operators and procurement teams in industries such as chemicals, energy, water and manufacturing may cite it when specifying instruments. Calibration and test laboratories will find it relevant when assessing the performance of delivered devices. The standard is a recommended national standard, so its use is voluntary unless required by contract or rule. It was issued on 28 August 2026 and takes effect on 1 March 2027. It is an original Chinese document and does not adopt an international standard.