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CCS N10



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

GB/T 48195-2026

**Industrial-process measurement, control and automation -
General requirements for universal automation system**

工业过程测量、控制和自动化 开放自动化系统通用要求

(English Translation)

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Foreword

GB/T 48195-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 April 2027.

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

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1 Scope

This standard sets out general requirements for a universal automation system in the field of industrial-process measurement, control and automation. It speaks to system architects, control and automation vendors, system integrators and plant owners who need open, interoperable automation systems rather than closed, vendor-specific ones. The document was issued on 28 September 2026 and takes effect on 1 April 2027. It is a recommended national standard, so it provides a reference for design and procurement without being a legal obligation. No earlier edition is named in the available information, and it is not recorded as adopting an international standard. Engineering companies and end users planning new control architectures, or comparing automation platforms, can use it to frame their discussions about what a general-purpose automation system should provide. It was prepared under the responsibility of the China Machinery Industry Federation.