

ICS 25.040
CCS N 10



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

GB/T 20818.242-2025

**Industrial-process measurement and control - Data structures and elements in
process equipment catalogues - Part 242: Lists of properties (LOPs) of
valve/actuator accessories for electronic data exchange**

工业过程测量和控制 过程设备目录中的数据结构和元素 第242部分：阀门/执行
器附件电子数据交换用属性列表(LOPs)

(English Translation)

Issued on: October 31, 2025

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Issued by: SAMR; SAC

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1 Foreword

GB/T 20818.242-2025 was issued by SAMR; SAC on 31 October 2025 and has been in force since 1 May 2026.

It is one of 14 parts of the GB/T 20818 series.

2 About this standard

Issued by: SAMR; SAC

English translation: about 11 pages

Chinese original: about 17,174 characters

3 Related standards

Other parts of this standard:

GB/T 20818.1-2015 - Data structures and element in process equipment catalogues -- Part 1: Measuring equipment with analogue and digital output

GB/T 20818.10-2017 - Data structures and elements in process equipment catalogues -- Part 10: Lists of properties (LOPs) for industrial-process measurement and control electronic data exchange fundamentals -- Fundamentals

GB/T 20818.11-2018 - Part 11: List of properties (LOPs) of measuring equipment for electronic data exchange - Generic structures

GB/T 20818.11-2026 - Part 11: List of properties (LOPs) of measuring equipment for electronic data exchange - Generic structures

GB/T 20818.12-2020 - Part 12: Lists of properties (LOPs) for flow measuring equipment for electronic data exchange

GB/T 20818.13-2023 - Part 13: Lists of properties (LOP) for pressure measuring equipment for electronic data exchange

GB/T 20818.14-2023 - Part 14: Lists of properties (LOP) for temperature measuring equipment for electronic data exchange

GB/T 20818.15-2023 - Part 15: Lists of properties (LOPs) for level measuring equipment for electronic data exchange

GB/T 20818.16-2023 - Part 16: Lists of properties(LOPs)for density measuring equipment for electronic data exchange

GB/T 20818.21-2020 - Part 21: Lists of properties (LOP) for automated valves for electronic data exchange - Generic structures

GB/T 20818.22-2023 - Part 22: Lists of properties (LOPs) of valve body assemblies for electronic data exchange

GB/T 20818.92-2025 - Part 92: Lists of properties (LOP) of measuring equipment for electronic data exchange - Aspect LOPs

GB/T 20818.243-2025 - Part 243: Lists of properties (LOPs) of flow modification accessories for electronic data exchange

4 Classification and status

International classification (ICS): 25.040

Chinese Standard Classification (CCS): N 10

Prefix GB/T: recommended standard.