

ICS 25.040

CCS N 10



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

GB/T 20540.2-2006

**Digital data communication for measurement and control -- Fieldbus for
use in industrial systems -- Type 3: PROFIBUS specification -- Part 2:
Physical Layer specification and service definition**

测量和控制数字数据通信 工业控制系统用现场总线 类型3：PROFIBUS规范 第2
部分：物理层规范和服务定义

(English Translation)

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What this standard covers

This standard specifies the on-site part of the requirements of the Ministry of line. It also provides media and network configuration requirements to ensure compliance with the following standards: a) at the data link layer error checking data integrity before, b) at the physical layer interoperability between devices. Fieldbus physical layer compliance GB/T 9387 defined by the OSI 7 layer model of the first layer, but there are exceptions, such as certain types of frame delimiter at the physical layer, while some other type of frame delimiter in the data link road layer.

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