

Overview



DP-M	DP-S	FMS	PG/OP	S7
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The CM 1242-5 communication module is used to connect a SIMATIC S7-1200 to PROFIBUS as a DP slave and has the following characteristics:

- PROFIBUS DPV1 slave in accordance with IEC 61158
- Module replacement without PG supported
- Power is supplied via the backplane bus so that no extra cabling is required
- Support of all standard baud rates from 9.6 kbit/s to 12 Mbit/s
- Compact industry-standard enclosure in S7-1200 design for mounting on a standard mounting rail
- Fast commissioning thanks to easy configuration using STEP 7 without additional programming overhead

The CM 1242-5 is intended for use in factory automation. Low-cost PROFIBUS-based automation solutions can be created on the basis of the S7-1200 for optimal production.

Ordering data

Order No.

CM 1242-5 communication module

Communication module for electrical connection of SIMATIC S7-1200 to PROFIBUS as a DPV1 slave

6GK7 242-5DX30-0XE0

Accessories

PROFIBUS FastConnect connector RS485

With 90° cable outlet; insulation displacement technology, max. transmission rate 12 Mbit/s

- Without PG interface
- With PG interface

6ES7 972-0BA52-0XA0
6ES7 972-0BB52-0XA0

PROFIBUS FC standard cable

2-core bus cable, shielded, special design for fast mounting, delivery unit: max. 1000 m, minimum order 20 m, sold by the meter

6XV1 830-0EH10

PROFIBUS FastConnect stripping tool

Stripping tool for fast stripping of the PROFIBUS FastConnect bus cable

6GK1 905-6AA00

PROFIBUS bus terminal 12M

Bus terminal for connection of PROFIBUS nodes at up to 12 Mbit/s with connecting cable

6GK1 500-0AA10

STEP 7 Basic engineering software V11

Target system:
SIMATIC S7-1200 controllers and the associated I/O

Requirement:
Windows XP Home SP3, Windows XP Professional SP3 (32 bit), Windows 7 Home Premium (32 bit), Windows 7 Professional (32 bit), Windows 7 Enterprise (32 bit), Windows 7 Ultimate (32 bit), Microsoft Server 2003 R2 Std. SP2 (32 bit), Microsoft Server 2008 Std. SP2 (32 bit)

Delivery package:
German, English, Chinese, Italian, French, Spanish

- Single license
- Upgrade STEP 7 Basic V10.5 to STEP 7 Basic V11, single license
- Powerpack STEP 7 Basic V11 to STEP 7 Prof. V11, floating license
- STEP 7 Basic V11, trial license

6ES7 822-0AA01-0YA0
6ES7 822-0AA01-0YE0

6ES7 822-1AA01-0YC5

6ES7 822-0AA01-0YA7