

# I/O systems

## PROFIBUS components

### Diagnostics

#### Diagnostics repeater for PROFIBUS DP

Ordering data	Article No.	Ordering data	Article No.
<b>RS 485 diagnostics repeater</b> For connection of 1 or 2 segments to PROFIBUS DP; with online diagnostics functions for monitoring the bus lines	6ES7972-0AB01-0XA0	<b>PROFIBUS FastConnect RS 485 bus connector with angular cable outlet (35°)</b> With insulation displacement terminals, max. transfer rate 12 Mbps <ul style="list-style-type: none"> <li>• Without PG interface</li> <li>• With PG interface</li> </ul>	6ES7972-0BA61-0XA0 6ES7972-0BB61-0XA0
<b>Accessories</b>		<b>PROFIBUS FastConnect stripping tool</b> Preadjusted stripping tool for fast stripping of PROFIBUS FastConnect bus cables	6GK1905-6AA00
<b>RS 485 bus connector with 90° cable outlet</b> With screw terminals, max. transfer rate 12 Mbps <ul style="list-style-type: none"> <li>• Without PG interface</li> <li>• With PG interface</li> </ul>	6ES7972-0BA12-0XA0 6ES7972-0BB12-0XA0	<b>PROFIBUS FC standard cable</b> Standard type with special design for quick mounting, 2-core, shielded, sold by the meter, max. delivery unit 1000 m, minimum order quantity 20 m	6XV1830-0EH10
<b>PROFIBUS FastConnect RS 485 bus connector with 90° cable outlet</b> With insulation displacement terminals, max. transfer rate 12 Mbps Without PG interface <ul style="list-style-type: none"> <li>• 1 unit</li> <li>• 100 units</li> </ul> With PG interface <ul style="list-style-type: none"> <li>• 1 unit</li> <li>• 100 units</li> </ul> without PG interface, grounding via control cabinet cover <ul style="list-style-type: none"> <li>• 1 unit</li> </ul> with PG interface, grounding via control cabinet cover <ul style="list-style-type: none"> <li>• 1 unit</li> </ul>	6ES7972-0BA52-0XA0 6ES7972-0BA52-0XB0  6ES7972-0BB52-0XA0 6ES7972-0BB52-0XB0  6ES7972-0BA70-0XA0  6ES7972-0BB70-0XA0	<b>S7 Manual Collection</b> Electronic manuals on DVD, multilingual: S7-200, TD 200, S7-300, M7-300, C7, S7-400, M7-400, STEP 7, Engineering Tools, Runtime Software, SIMATIC DP (Distributed I/O), SIMATIC HMI (Human Machine Interface), SIMATIC NET (Industrial Communication)	6ES7998-8XC01-8YE0
<b>RS 485 bus connector with angled cable outlet (35°)</b> With screw terminals, max. transfer rate 12 Mbps <ul style="list-style-type: none"> <li>• Without PG interface</li> <li>• With PG interface</li> </ul>	6ES7972-0BA42-0XA0 6ES7972-0BB42-0XA0	<b>S7 Manual Collection update service for 1 year</b> Scope of delivery: Current DVD "S7 Manual Collection" and the three subsequent updates	6ES7998-8XC01-8YE2
		<b>Connecting cable for PROFIBUS</b> 12 Mbps, for PG connection to PROFIBUS DP, pre-assembled with 2 x 9-pin sub D plug, 3.0 m	6ES7901-4BD00-0XA0