

# AS-Interface Network transitions

## DP/AS-Interface Link 20E

### Overview



PN	DP-M	DP-S	ASi-M		
		●	●		

DP/AS-Interface Link 20E connects PROFIBUS DP to AS-Interface and has the following features.

- PROFIBUS DP slave and AS-Interface master
- Up to 62 AS-Interface slaves, each with 4 digital inputs and 4 digital outputs as well as analog slaves can be connected
- Integrated analog value transmission (all analog profiles)
- Supports all AS-Interface master functions according to the AS-Interface Specification V3.0
- Supply from AS-Interface cable; hence no additional power supply required
- Suitable for AS-i Power24V (product version 2 / firmware version 3.1) and standard AS-i with 30 V voltage
- Supports the uploading of the AS-Interface configuration in STEP 7 V5.2 and higher

### Ordering data

#### DP/AS-Interface Link 20E

Network transition between PROFIBUS DP and AS-Interface in degree of protection IP20; including screw terminals for connection of the AS-Interface cable; corresponds to AS-Interface Specification V3.0; dimensions (W x H x D / mm): 90 x 80 x 60 (dimensions without fixing lugs)

### Order No.

**6GK1 415-2AA10**

#### Accessories

#### PROFIBUS FC Standard Cable GP

FastConnect standard type with special design for fast installation, 2-core, shielded

**6XV1 830-0EH10**

#### PROFIBUS FastConnect RS485 bus connectors with 90° cable feeder

With insulation displacement connection the max. transmission rate is 12 Mbit/s  
Activatable terminating resistor is integrated

- Without PG connection socket
- With PG connection socket

**6ES7 972-0BA52-0XA0**

**6ES7 972-0BB52-0XA0**

#### PROFIBUS FastConnect RS485 bus connectors with angled cable feeder (35°)

With insulation displacement connection the max. transmission rate is 12 Mbit/s  
Activatable terminating resistor is integrated

- Without PG connection socket
- With PG connection socket

**6ES7 972-0BA60-0XA0**

**6ES7 972-0BB60-0XA0**

#### PROFIBUS FastConnect Stripping Tool

Preset stripping tool for speedy stripping of PROFIBUS FastConnect bus cables

**6GK1 905-6AA00**

### More information

The manuals are also available on the Internet at <http://support.automation.siemens.com/WW/view/en/28602858/133300>