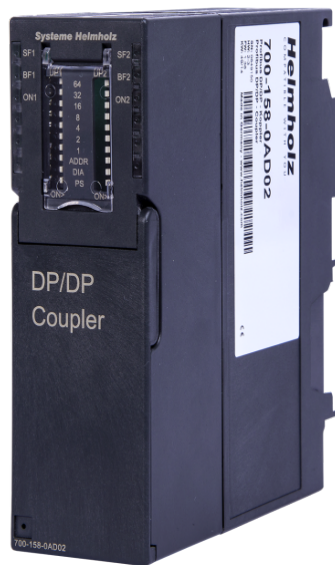




Features

- ✓ Exchange of up to 244 bytes of input and 244 bytes of output data between two PROFIBUS networks
- ✓ Redundant power supply
- ✓ Electrical isolation between the PROFIBUS networks
- ✓ Setting of the PROFIBUS addresses using DIP switches or software
- ✓ PROFIBUS-DP up to 12 Mbps

DP/DP Coupler

The DP/DP coupler connects two PROFIBUS DP networks with one another and enables data transmission between the masters of the two DP networks.

The maximum size of the transmitted data is 244 bytes of input data and 244 bytes of output data. The DP/DP coupler is configured within the hardware configurator. A GSD file or external parameterization software is not necessary.

General information

Order number	700-158-0AD02
Article name	DP/DP coupler
Scope of delivery	DP/DP coupler, manual
Dimensions (DxWxH)	116 x 40 x 125 mm
Weight	Approx. 250 g
Voltage supply	24 V DC, 18–30 V DC
Current draw	typ. 200 mA with DC 24 V

PROFIBUS interface

Number	2
Protocol	PROFIBUS-DP
Transmission rate	9.6 ... 12 Mbps
I/O image size	max. 244 bytes of input / 244 bytes of output data
Connection	SUB-D male connector, 9-pin

Ambient conditions

Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-20 °C ... +80 °C
Relative air humidity	95 % r H without condensation
Pollution degree	2
Protection rating	IP20
Approvals	CE