



## CONNECTING PROFIBUS & PROFINET VERY EASILY

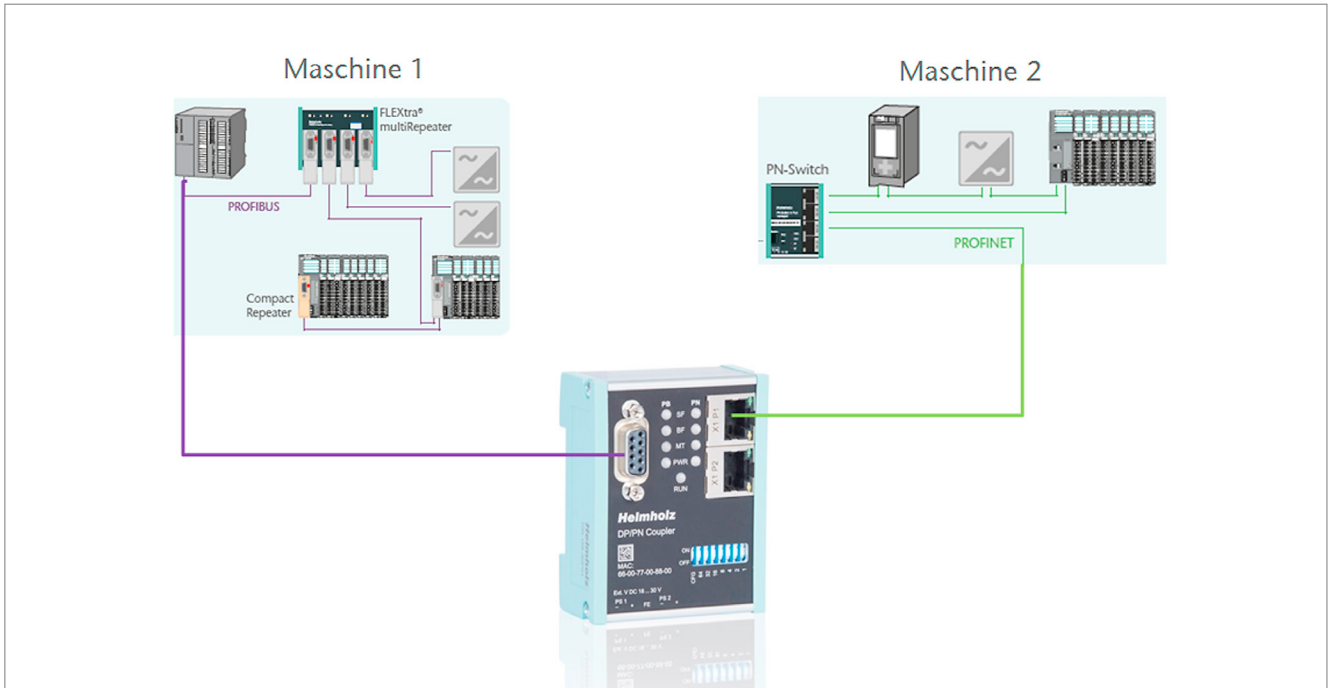
with the Helmholz DP/PN Coupler

# DP/PN COUPLER – EXPAND YOUR POSSIBILITIES

You want to connect fieldbus networks very easily?

With the DP/PN Coupler from Helmholtz, the easy and uncomplicated connection of PROFIBUS and PROFINET networks is possible.

The Helmholtz DP/PN Coupler is planned on the PROFIBUS side via a GSD file and on the PROFINET side via a GSDML file. No additional configuration software beyond this is necessary.



## TECHNICAL DATA / ORDERING INFORMATION

<b>DP/PN Coupler</b> (incl. Quick Start Guide)	<b>700-158-3DP02</b>
Dimensions (D x W x H)	35 mm x 58 mm x 72 mm
Weight	Approx. 135 g
<b>PROFINET interface</b>	
- Number	2
- Protocol	PROFINET IO as defined in IEC 61158-6-10
- Transmission rate	100 Mbps full duplex
- Number of configurable slots	16
- Connection	2x RJ45, integrated switch
- Features	Media redundancy (MRP), automatic addressing, topology detection (LLDP, DCP), diagnosis alarms
<b>PROFIBUS interface</b>	
- Protocol	PROFIBUS-DP
- Transmission rate	max. 12 Mbps, autom. detection
- I/O image size	max. 244 bytes of input / 244 bytes of output data
- Connection	9-pin D-sub female connector
Status indicator	9 LEDs function status, 4 LEDs Ethernet status
Voltage supply	24 V DC (18 – 28 V DC)
Current draw	Max. 200 mA
Power dissipation	Max. 5 W
Ambient temperature	0 °C to 60 °C
Transport and storage temperature	-20 °C to 80 °C
Protection rating	IP 20