



### DeviceNet FieldBusPlug

Ready-made DeviceNet fieldbus interface with various cable lengths.

- Applicable on all FBP motor starters and other devices
- Degree of protection IP65, diagnostic LED

Designation	Cable length	Type	Order code	Pack <sup>ing</sup> piece	Weight kg 1 piece
DeviceNet-FBP	0.25 m	DNP21-FBP.025	1SAJ 230 000 R1003	1	0.09
DeviceNet-FBP	0.50 m	DNP21-FBP.050	1SAJ 230 000 R1005	1	0.10
DeviceNet-FBP	1.00 m	DNP21-FBP.100	1SAJ 230 000 R1010	1	0.13
DeviceNet-FBP	5.00 m	DNP21-FBP.500	1SAJ 230 000 R1050	1	0.36



DNP21-FBP  
MRP21-FBP  
COP21-FBP

### MODBUS-RTU FieldBusPlug

Ready-made MODBUS-RTU fieldbus interface with various cable lengths.

- Applicable on all FBP motor starters and other devices
- Degree of protection IP65, diagnostic LED

Designation	Cable length	Type	Order code	Pack <sup>ing</sup> piece	Weight kg 1 piece
MODBUS-RTU-FBP	0.25 m	MRP21-FBP.025	1SAJ 250 000 R0003	1	0.09
MODBUS-RTU-FBP	0.50 m	MRP21-FBP.050	1SAJ 250 000 R0005	1	0.10
MODBUS-RTU-FBP	1.00 m	MRP21-FBP.100	1SAJ 250 000 R0010	1	0.13
MODBUS-RTU-FBP	5.00 m	MRP21-FBP.500	1SAJ 250 000 R0050	1	0.36

### CANopen FieldBusPlug

Ready-made CANopen fieldbus interface with various cable lengths.

- Applicable on all FBP motor starters and other devices
- Degree of protection IP65, diagnostic LED

Designation	Cable length	Type	Order code	Pack <sup>ing</sup> piece	Weight kg 1 piece
CANopen-FBP	0.25 m	COP21-FBP.025	1SAJ 230 100 R1003	1	0.09
CANopen-FBP	0.50 m	COP21-FBP.050	1SAJ 230 100 R1005	1	0.10
CANopen-FBP	1.00 m	COP21-FBP.100	1SAJ 230 100 R1010	1	0.13

### Accessories for the DeviceNet, MODBUS-RTU and CANopen bus connector



DNF11-FBP.050



DNM11-FBP.050



DNX11-FDP



DNM11-FBP.0



DNF11-FBP.0



DNR11-FBP.120

#### DeviceNet, MODBUS-RTU and CANopen round cable for bus junctions

Ready-made bus cable with an M12 connector and an open cable end.

Designation	Cable length	Type	Order code	Packing piece	Weight kg 1 piece
Round cable with female connector	0.50 m	DNF11-FBP.050	1SAJ 923 002 R0005	1	0.04
Round cable with male connector	0.50 m	DNM11-FBP.050	1SAJ 923 003 R0005	1	0.04

#### DeviceNet, MODBUS-RTU and CANopen round cable for bus extension

Ready-made bus cable with M12 male and female connectors

Designation	Cable length	Type	Order code	Packing piece	Weight kg 1 piece
Extension cable	1.00 m	DNX11-FBP.100	1SAJ 923 001 R0010	1	0.08
Extension cable	3.00 m	DNX11-FBP.300	1SAJ 923 001 R0030	1	0.20
Extension cable	5.00 m	DNX11-FBP.500	1SAJ 923 001 R0050	1	0.31
Round cable	100.00 m	DNC11-FBP.999	1SAJ 923 004 R0001	1	5.60

#### DeviceNet, MODBUS-RTU and CANopen round cable connectors

Bus cable and coupling accessories

Designation	Type	Order code	Packing piece	Weight kg 1 piece
Male connector for round cable	DNM11-FBP.0	1SAJ 923 005 R0001	5	0.15
Female connector for round cable	DNF11-FBP.0	1SAJ 923 006 R0001	5	0.15

#### DeviceNet, MODBUS-RTU and CANopen termination resistor

Designation	Type	Order code	Packing piece	Weight kg 1 piece
Termination Resistor, 120 Ohm	DNR11-FBP.120	1SAJ 923 007 R0001	1	0.02

# FBP FieldBusPlug

## Profibus DP, ordering details



PDP22-FBP

### Profibus DP FieldBusPlug

Ready-made Profibus DP fieldbus interface with various cable lengths.

- Supports PROFIBUS DP V0 and V1
- Applicable on all FBP motor starters and other devices
- Degree of protection IP65, diagnostic LED



Designation	Cable length	Type	Order code	Pack <sup>ing</sup> piece	Weight kg 1 piece
Profibus DP FBP	0.25 m	PDP22-FBP.025	1SAJ 240 100 R1003	1	0.09
Profibus DP FBP	0.50 m	PDP22-FBP.050	1SAJ 240 100 R1005	1	0.10
Profibus DP FBP	1.00 m	PDP22-FBP.100	1SAJ 240 100 R1010	1	0.13
Profibus DP FBP	2.00 m	PDP22-FBP.200	1SAJ 240 100 R1020	1	0.20
Profibus DP FBP	5.00 m	PDP22-FBP.500	1SAJ 240 100 R1050	1	0.36



PDQ22-FBP

### Profibus DP FieldBusPlug for 4 devices

PDQ22 is a member of the ABB FieldBusPlug family of bus connectors. It allows the connection of up to four devices to Profibus DP by just using one Profibus node access. This allows a cost efficient device integration for devices that are located physically nearby. PDQ22 supports DP-V0 and DP-V1. The degree of protection is IP66. There are separate diagnosis LEDs for bus and device status.

Note that the accessory PDQ22-FBP only works with the PSR and PSE and not with the PST(B) softstarter.

Designation	Type	Order code	Pack <sup>ing</sup> piece	Weight kg 1 piece
Quadruple bus connector	PDQ22-FBP	1SAJ 240 200 R0050	1	0.20
DINrail adapter for PDQ22-FBP	CDA11-FBP. 0	1SAJ 929 300 R0001	1	0.11
Fixing bracket for passive plug of connection cable	CDP11-FBP.0	1SAJ 929 100 R0001	1	0.50



UTF21-FBP

### Configuration software

This cable and software can be used for set-up and commissioning of the softstarter as well as to keep back-up of the parameter settings.

Designation	Type	Order code	Pack <sup>ing</sup> piece	Weight kg 1 piece
USB to FBP interface cable	UTF21-FBP	1SAJ 929 400 R0002	1	
PDP22/PDQ22 Device Type Manager (DTM) incl. FDT/DTM frame application	PBDTM-FBP	1SAJ 924 012 R0003	1	

# FBP FieldBusPlug

## Profibus DP accessories, ordering details



### Accessories for the Profibus DP Bus Connector



#### Profibus DP Round Cable for Bus Junctions

Ready-made bus cable with an M12 connector and an open cable end.

- Application on bus junctions such as e.g. Profibus DB couplers or devices with an integrated Profibus DB interface



Designation	Cable length	Type	Order code	Pack <sup>ing</sup> piece	Weight kg 1 piece
Round Cable with female connector	0.50 m	PDF11-FBP.050	1SAJ 924 002 R0005	1	0.04
Round Cable with male connector	0.50 m	PDM11-FBP.050	1SAJ 924 003 R0005	1	0.04

#### Profibus DP Round Cable for Bus Extension

Ready-made bus cable with M12 male and female connectors  
Round cable on coil



Designation	Cable length	Type	Order code	Pack <sup>ing</sup> piece	Weight kg 1 piece
Extension Cable	0.50 m	PDX11-FBP.050	1SAJ 924 001 R0005	1	0.04
Extension Cable	1.00 m	PDX11-FBP.100	1SAJ 924 001 R0010	1	0.08
Extension Cable	3.00 m	PDX11-FBP.300	1SAJ 924 001 R0030	1	0.20
Extension Cable	5.00 m	PDX11-FBP.500	1SAJ 924 001 R0050	1	0.31
Round Cable	100.00 m	PDC11-FBP.999	1SAJ 924 004 R1000	1	5.60



#### Profibus DP Accessories for Bus Extension

Designation	Type	Order code	Pack <sup>ing</sup> piece	Weight kg 1 piece
Male Connector for round cable	PDM11-FBP.0	1SAJ 924 005 R0001	5	0.03
Female Connector for round cable	PDF11-FBP.0	1SAJ 924 006 R0001	5	0.03



#### Profibus DP Termination Resistor, Miscellaneous Accessories

Designation	Type	Order code	Pack <sup>ing</sup> piece	Weight kg 1 piece
Termination Resistor, 150 Ohm	PDR11-FBP.150	1SAJ 924 007 R0001	1	0.03
Feeding connector 24V DC, Code B-A	PDV11-FBP.0	1SAJ 924 008 R0001	1	0.04
Feeding connector 24V DC, Code A-A	PDV12-FBP.0	1SAJ 924 011 R0001	1	0.04
Adaptor M12-Dsub9-M12 Cable length 0.50m	PDA11-FBP.050	1SAJ 924 009 R0001	1	0.04
Adaptor M12-Dsub9-M12 Cable length 2 x 0.50m	PDA12-FBP.050	1SAJ 924 010 R0001	1	0.04



#### Extension cable

Designation	Cable length	Type	Order code	Pack <sup>ing</sup> piece	Weight kg 1 piece
Extension cable (female/male), shielded	0.3 m	CDP15-FBP.030	1SAJ 929 140 R0003	1	
Extension cable (female/male), shielded	0.6 m	CDP15-FBP.060	1SAJ 929 140 R0006	1	
Extension cable (female/male), shielded	1.5 m	CDP15-FBP.150	1SAJ 929 140 R0015	1	0.20
Extension cable (male/open), shielded	1.5 m	CDP16-FBP.150	1SAJ 929 150 R0015	1	0.20