

3. IF10

3.1 Order data


Model number	Short description	Figure
4PP045.IF10-1	PP45 interface module, 1 RS232 interface	
Optional accessories		
0G0001.00-090	Cable PC <-> PLC/PW, RS232, online cable	

Table 35: 4PP045.IF10-1 - Order data

3.2 Technical data

Product ID	4PP045.IF10-1
Short description	
Communication module	1 x RS232
Interfaces	
Interface IF1 Type Design Maximum transfer rate	RS232 9-pin DSUB connector 115.2 kBit/s
General information	
Status indicators	Data transfer
Diagnostics Data transfer	Yes, with status LEDs
Electrical isolation PLC - IF1	No
Certification	CE, C-UL-US, GOST-R
Operational conditions	
Operating temperature	0°C to +50°C
Relative humidity	10 to 90%, non-condensing
Protection type	IP20
Storage and transport conditions	
Temperature	-25°C to +70°C
Relative humidity	10 to 90%, non-condensing
Mechanical characteristics	
Slot	PP45 insert

Table 36: 4PP045.IF10-1 - technical data

3.3 Additional technical data

Product ID	4PP045.IF10-1
IF1 interface, RS232	
Controller	UART type 16C550 compatible
FIFO	16 bytes in send and receive direction
Input filter / protective circuit	Yes
Maximum distance	15 m / 19200 bit/s
Handshake lines	RTS, CTS
Network-capable	No
Data formats	
Data bits	5 to 8
Parity	Yes / No / Even / Odd
Stop bits	1 / 2
General information	
B&R ID code	\$250B

Table 37: 4PP045.IF10-1 - Additional technical data

3.4 Status LEDs

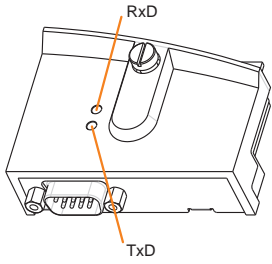
Figure	LED	Color	Status	Description
	RxD	Orange	On	The module is receiving data via the RS232 interface
	TxD	Orange	On	The module is sending data via the RS232 interface

Table 38: 4PP045.IF10-1 - Status LEDs

3.5 RS232 interface

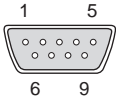
Interface	Pin assignments		
	Pin	RS232	
<p style="text-align: center;">RS232 interface</p>  <p style="text-align: center;">9-pin DSUB connector</p>	1	NC	
	2	RxD	Receive signal
	3	TxD	Transmit signal
	4	NC	
	5	GND	Ground
	6	NC	
	7	RTS	Request To Send
	8	CTS	Clear To Send
	9	NC	

Table 39: 4PP045.IF10-1 - RS232 interface