# 4PP065.IF10-1

## 1 Order data

| Model number | Short description | Figure |
|---|---|---|
| | **Interface modules** |  |
| 4PP065.IF10-1 | PP65 interface module, 1 RS232 interface | |
| | **Optional accessories** | |
| | **Others** | |
| 0G0001.00-090 | PC - PLC/PW cable, RS232, online cable | |

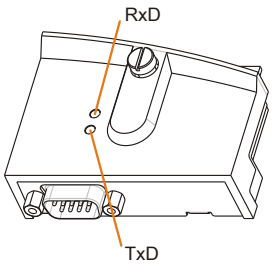
Table 1: 4PP065.IF10-1 - Order data

## 2 Technical data

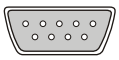
| Model number | 4PP065.IF10-1 |
|---|---|
| **Short description** | |
| Communication module | 1x RS232 |
| **General information** | |
| B&R ID code | 0xB0B0 |
| Status indicators | Data transfer |
| Diagnostics | |
| Data transfer | Yes, using LED status indicators |
| Electrical isolation | |
| PLC - IF1 | No |
| Certifications | |
| CE | Yes |
| UL | cULus E115267<br>Industrial control equipment |
| **Interfaces** | |
| Interface IF1 | |
| Type | RS232 |
| Variant | 9-pin male DSUB connector |
| Input filter / Protective circuit | Yes |
| Max. distance | 15 m / 19,200 bit/s |
| Max. transfer rate | 115.2 kbit/s |
| Network-capable | No |
| FIFO buffer | 16 bytes in transmit and receive direction |
| Handshake lines | RTS, CTS |
| Controller | UART type 16C550 compatible |
| Data formats | |
| Data bits | 5 to 8 |
| Parity | Yes / No / Even / Odd |
| Stop bits | 1 / 2 |
| **Operating conditions** | |
| Degree of protection | IP20 |
| **Ambient conditions** | |
| Temperature | |
| Operation | 0 to 50°C |
| Storage | -25 to 70°C |
| Transport | -25 to 70°C |
| Relative humidity | |
| Operation | 10 to 90%, non-condensing |
| Storage | 10 to 90%, non-condensing |
| Transport | 10 to 90%, non-condensing |
| **Mechanical properties** | |
| Weight | 49 g |
| Slot | PP65 insert |
| Torque for mounting screw | Max. 0.6 Nm |

Table 2: 4PP065.IF10-1 - Technical data

# 3 LED status indicators

| Figure | LED | Color | Status | Description |
|---|---|---|---|---|
|  | RxD | Orange | On | Module receiving data via the RS232 interface |
| | TxD | Orange | On | Module sending data via the RS232 interface |

# 4 RS232 interface

| Interface | Pinout | | |
|---|---|---|---|
| | Pin | RS232 | |
| RS232 interface<br>1 5<br><br>6 9<br>9-pin male DSUB connector | 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 | |