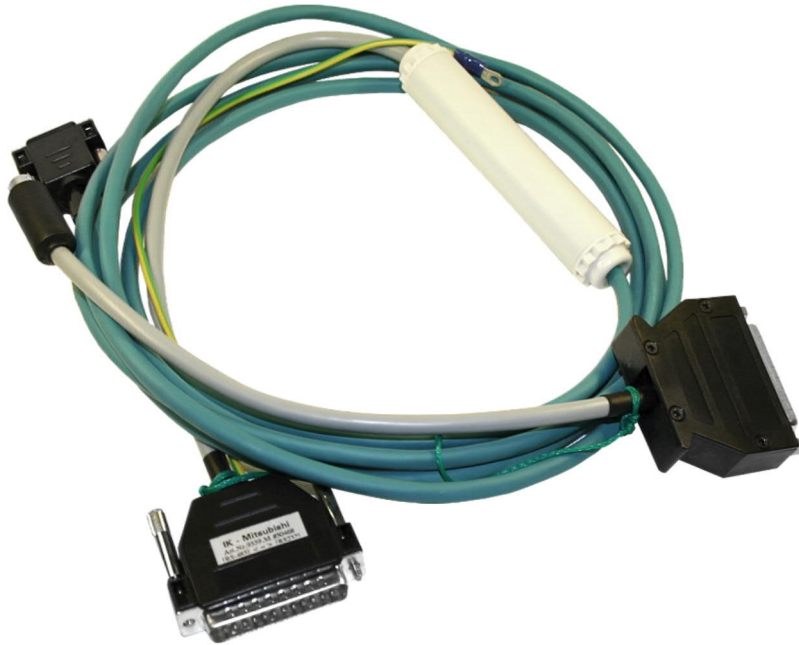


SC-09 cable user manual

(english)



Art.Nr. 9359.M

11.02.2021

© PI 2021

index of contents

SC-09 cable

1 Description

2 Technical data

2.1 Pin assignment RS232

2.2 Pin assignment RS422

SC-09 cable

1 Description

(CONVERTER RS232-RS422/485)

The SC-09 connects a PC to the programming interface of a Mitsubishi PLC (Fx - and A - series) via the serial interface (COM 9 pole).

With the included adapter it is possible to couple to controllers that have a 25-pin Sub-D respectively an 8-pin Mini-DIN programming port.

2 Technical data

2.1 Pin assignment RS232

| Pin number | Short form | Designation | Direction |
|------------|------------|-----------------|-----------|
| 1 | NC | not used | |
| 2 | TXD | transmit data | output |
| 3 | RXD | receive data | input |
| 4 | NC | not used | |
| 5 | GND | signal mass | |
| 6 | NC | not used | |
| 7 | CTS | clear to send | output |
| 8 | RTS | request to send | input |
| 9 | NC | not used | |

2.2 Pin assignment RS422

| Pin number | Short form | Designation | Direction |
|------------|------------|-----------------------------|-----------|
| 1 | NC | not used | |
| 2 | TXD + | transmit data + | output |
| 3 | RXD + | receive data + | input |
| 4 | RTS + | request to send + | output |
| 5 | CTS + | clear to send + | input |
| 6 | NC | nicht belegt | |
| 7 | GND | signal mass | input |
| 8 | GND | signal mass | Eingang |
| 9 | NC | not used | |
| 10 | NC | not used | |
| 11 | NC | not used | |
| 12 | VCCin | input Voltage (+5V DC) | input |
| 13 | VCCin | input Voltage (+5V DC) | input |
| 14 | NC | not used | |
| 15 | TXD - | transmit data - | output |
| 16 | RXD - | receive data - | input |
| 17 | RTS - | turn on transmitting part - | output |
| 18 | CTS - | ready to send - | input |
| 19 | NC | not used | |
| 20 | connect | connection to Pin 21 | |
| 21 | connect | connection to Pin 20 | |
| 22 | NC | not used | |
| 23 | NC | not used | |
| 24 | VCCin | input voltage (+5V DC) | input |
| 25 | VCCin | input voltage (+5V DC) | input |