7XV5100

Description/Overview

Serial RS232 communication cables (wire/optical fiber)

- 7XV5100-2 – PC/PG to 25-pole protection device
The serial connecting cable connects a serial 9-pole PC interface with a male connector (for example, COM1) or a PG interface to a protection device with a 25-pole user interface.

- 7XV5100-4 – (/BB) PC/PG, 9-pole, to the 9-pole protection device (DIGSI 4 cable)
The serial connecting cable (DIGSI 4 cable) connects a serial 9-pole PC interface with a male connector (for example, COM1) or a PG interface to a protection device with a 9-pole user interface.
The following devices have such an interface: 7SJ531, 7SJ602 and all SIPROTEC 4 devices such as 7SA522, 7SA6x, 7SJ61/62/63, and 6MD6x
The shielding has been changed in the 7XV5100-0 cable, version/BB. The cable shield is no longer connected to "GND" but instead to the connector housings at both ends.

- 7XV5100-8H – 9/25-pole adaptor to the 7XV5100-4 cable
If this 9/25-pole adaptor is connected to the 9-pole male connector of the 7XV5100-4 (/BB) cable, protection devices with a 25-pole user interface can also be connected to the PC/laptop computer using this cable.

- 7XV5100-5 – PC / PG, 25-pole, to the 9-pole protection device
The serial connecting cable connects a serial 25-pole PC interface with a male connector (for example, COM1) to a protection device with a 9-pole user interface. The following devices have such an interface: 7SJ531, 7SJ602 and all SIPROTEC 4 devices, for example the 7SA522, 7SA6x, 7SJ61/62/63, and 6MD6x.

[ph_7XV5100, 1, --_--]

Figure 3.1/3   7XV5100 Serial DIGSI 4 Cable

Applications

Application note for the 7XV5100-4 – (/BB) PC/PG, 9-pole, to the 9-pole protection device (DIGSI 4 cable)

If the 9/25-pole adaptor is connected to the 9-pole male connector of the 7XV5100-4 cable, protection devices with a 25-pole user interface can also be connected to the PC/laptop computer using this cable.

3.1

Selection and Ordering Data

Description	Order no.												
		1	2	3	4	5	6	7	8	9	10	11	12
Copper connecting cable between		7	X	V	5	1	0	0	-	☐	☐			
									▲	▲			
									I	I			
Laptop computer/PC/9-pole socket and protection device/25-pole plug, length: 3 m									2	I			
Laptop computer/PC/9-pole socket and protection device/9-pole plug, length: 3 m									4	I			
Laptop computer/PC/25-pole socket and protection device/9-pole plug, length: 3 m									5	I			
RS232/RS485 converter/25-pole connector and protection device/single wire ring cable protection, length: 1 m									7	I			
Plug adaptor, 9-pole socket/25-pole connector to the DIGSI 7XV5100-4 cable (9-pole) for the protection unit with 25-pole interface at the front									8	H			