RS232 cable BlueSYSTEM

Available in length:

2.5 meter **P/N: 016-025-978-PC+** **weight 0.19 kg**

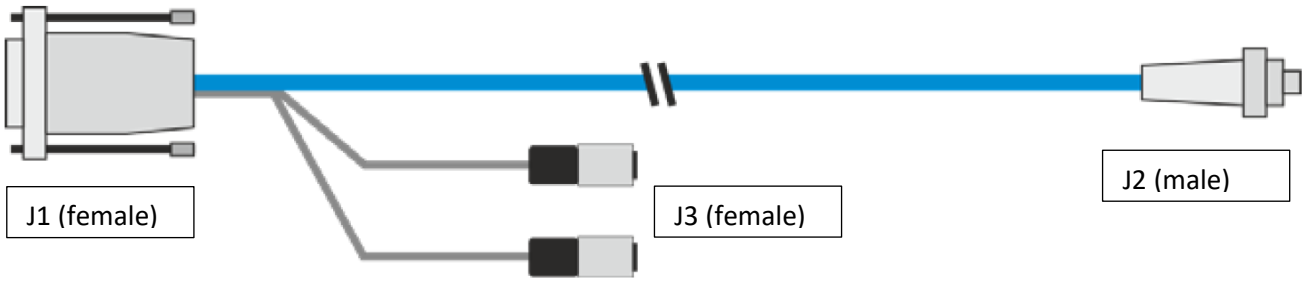
Common Characteristics	Value
Rated current (40 °C)	1 A
Rated voltage	125 V
Rated impulse voltage	300 V
Operating temperature	-5°C … 80°C
Minimum bending radius	7 cm

Connector Characteristics J1	Value
Number of contacts	Pp
Type	D-Sub 9, female
Mechanical operation	500 mating cycles

Connector Characteristics J2, J3	Value
Number of contacts	8p
Type	Male, M9
Mechanical operation	> 500 mating cycles

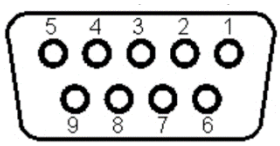
Cable Characteristics J1 to J2	Value
Outer sheath	PVC-basis, DIN VDE 0207-363-4-1 / DIN EN 50363-4-1
Cable outside diameter	Ø ~4.7 mm

Cable Characteristics J1 to J3	Value
Outer sheath	PVC-basis, Pvc compound type TM2 according to VDE 0207-5
Cable outside diameter	Ø ~4 mm

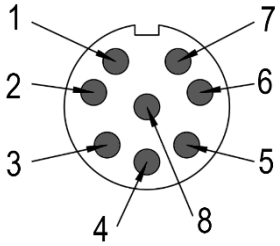


Pinout Port J1, J2, J3

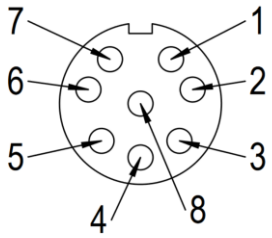
J1



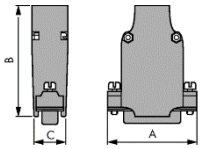
J2



J3

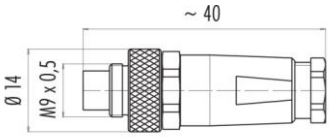


female

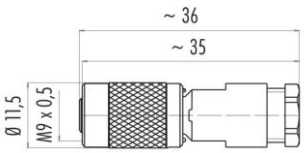


A = 34 mm
B = 50 mm
C = 16 mm

male



female



Please note: The minimum bending radius of the cable must also be taken into account

Pin J1	Name	Description
1		Reserved (unconnected)
2	RX	RS232 receive line
3	TX	RS232 transmit line
2		Reserved (unconnected)
5	GND	Ground
3		Reserved (unconnected)
4		Reserved (unconnected)
5		Reserved (unconnected)

Pin J2	Name	Description
1	+24 V DC	+ 24 V DC power
2	GND	Ground
3		Reserved (unconnected)
4	RX	RS232 receive line
5		Reserved (unconnected)
6	TX	RS232 transmit line
7		Reserved (unconnected)
8	Key	Key

Pin J3	Name	Description
1	+24 V DC	+ 24 V DC power
2	GND	Ground
3		Reserved (unconnected)
4		Reserved (unconnected)
5		Reserved (unconnected)
6		Reserved (unconnected)
7		Reserved (unconnected)
8	Key	Key

Please Note:

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors used in electrical circuits containing hazardous life parts must only be assembled and used by or under the supervision of persons with the requisite electrotechnical training, taking the applicable regulations and standards into account.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 Ncm).

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