Universal bus cable RS485 halogen free

Available in various length:

100 meter **P/N: 029-100M848-2001** **weight 8.0 kg (cable only 4.9 kg)**

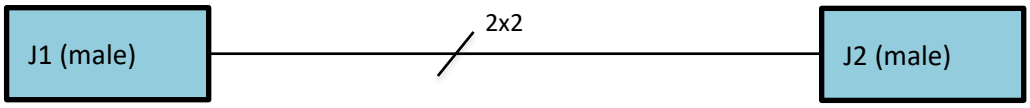
Variant: male, male

Assembled:
- cable reel
- one end fixed on reel
- fixed cable length 2 meter (included in total length count)

Common Characteristics	Value
Rated current (40 °C)	1 A
Rated voltage	125 V
Rated impulse voltage	1200 V
Operating temperature permanently installed	-30°C … 80°C
Operating temperature occasionally moved	-5°C … 70°C
Minimum bending radius permanently installed	33 mm
Minimum bending radius occasionally moved	82.5 mm

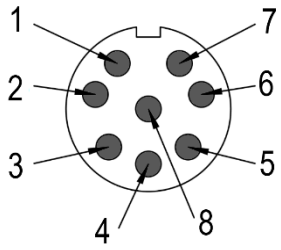
Connector Characteristics	Value
Number of contacts	8p
Pin contact	CuZn (brass)
Contact plating	Au (Gold/gold)
Male insert	PBT (UL 94 V-0)
Type	Male, M9
Mechanical operation	> 500 mating cycles

Cable Characteristics	Value
Flame retardance according to	IEC 60332-1-2 btw. EN 60332-1-2
Zero halogen according to	IEC 60754-1 btw. EN 60754-1
Oil-resistant	No
UV-resistant	No
Cable outside diameter	Ø 5.5 ±0.5 mm

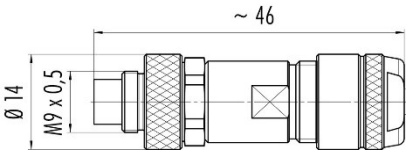


Pinout Port J1, J2

Both connecters have the same pinout.



male



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

Pin	Name	Description	Cable
1	+24 V DC	+ 24 V DC power	twisted pair
2	GND	Ground	
3	---	Reserved (unconnected)	
4	RTA	WYLER RS485 channel A	twisted pair
5	RTB	WYLER RS485 channel B	
6	---	Reserved (unconnected)	
7	---	Reserved (unconnected)	
8	---	Reserved (unconnected)	

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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