



Plug connectors and cables
Plug connectors and cables / Connecting cable
(female connector-open)

DOL-OJ08-G10MAA3



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Model Name > [DOL-0J08-G10MAA3](#)
Part No. > [2046877](#)



Technical data

Accessory group:	Plug connectors and cables
Accessory family:	Connecting cables with female connector
Connection type head A:	Female connector, JST, 8-pin, straight
Connection type head B:	Cable
Cable diameter:	Ø 5.6 mm
Conductor cross-section:	4 x 2 x 0.15 mm ²
Shielding:	Shielded
Bending radius:	> 7.5 x Leitungsdurchmesser im Schleppbetrieb, > 5 x Leitungsdurchmesser bei fester Verlegung
LED indicator:	-
Special feature:	Drag chain use
Signal type:	Incremental
Items supplied:	JST including sealing
Cable:	10 m, 8-pole
Jacket material:	PUR halogen-free
Jacket color:	Black

PIN assignment

PIN	Signal TTL, HTL	Signal sine 1.0 V _{ss}	Color of wires
1	$\overline{B}$	SIN-	Black
2	Not connected	Not connected	
3	Z	Z	Lilac
4	$\overline{Z}$	$\overline{Z}$	Yellow
5	A	COS+	White
6	$\overline{A}$	COS-	Brown
7	Not connected	Not connected	
8	B	SIN+	Pink
9	Not connected	Not connected	
10	GND	GND	Blue
11	Not connected	Not connected	
12	U _s	U _s	Red
Shield	Shield ¹⁾	Shield ²⁾	

Attention!
The flexible wires twisted in pairs must be assigned in accordance with the signals.
White/Brown = A/ $\overline{A}$ oder COS+/COS-
Lilac/Yellow = Z/ $\overline{Z}$
Pink/Black = B/ $\overline{B}$ oder SIN+/ SIN-
Red/Blue = preferably U_s and GND

¹⁾ Shield connected to housing on side of encoder, connected to ground on side of control.
Attention! In combination with the electrical interfaces A, C, E and P only.

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