



Plug connectors and cables
Plug connectors and cables / connecting cables
with female connector

DOL-0J08-G1M5AA3



Model Name > [DOL-0J08-G1M5AA3](#)
Part No. > [2046874](#)



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
Status LED:	-
Special feature:	Drag chain use
Signal type:	Incremental
Items supplied:	JST including sealing
Cable:	1.5 m, 8-wire
Jacket material:	PUR, halogen-free
Jacket color:	Black

PIN assignment

PIN	Signal TTL, HTL	Signal sine 1.0 V _{ss}	Color of wires
1	\bar{B}	SIN-	Black
2	Not connected	Not connected	
3	Z	Z	Lilac
4	\bar{Z}	\bar{Z}	Yellow
5	A	COS+	White
6	\bar{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 ¹⁾	

Attention!

The flexible wires twisted in pairs must be assigned in accordance with the signals.

White/Brown = A/ \bar{A} oder COS+/COS-
 Lilac/Yellow = Z/ \bar{Z}
 Pink/Black = B/ \bar{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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