



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

DOL-0J08-G03MAA3



**Model Name** > [DOL-0J08-G03MAA3](#)  
**Part No.** > [2046875](#)



#### 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 <sup>2</sup>
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:	3 m, 8-wire
Jacket material:	PUR, halogen-free
Jacket color:	Black

## PIN assignment

PIN	Signal TTL, HTL	Signal sine 1.0 V <sub>ss</sub>	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 <sub>s</sub>	U <sub>s</sub>	Red
Shield	Shield <sup>1)</sup>	Shield <sup>1)</sup>	

### 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<sub>s</sub> and GND

<sup>1)</sup> 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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