



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

DOL-OJ08-G10MAA3



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 |
| Status LED: | - |
| Special feature: | Drag chain use |
| Signal type: | Incremental |
| Items supplied: | JST including sealing |
| Cable: | 10 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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