

maxon accessories

Adapter FPC 10-pole to pin header (DIN 41651)

506579

Adapter 10-pole flexprint connector (pitch 0.5 mm) to 2x5-pole pin header (pitch 2.54 mm, DIN 41651) with additional spring terminals for motor connections. For connection of ENX 10 EASY encoder to maxon motor control products.

Mechanical Data

Maximum Dimensions:

36 x 37 mm (L x W)

Mounting:

2 mounting holes Ø3 mm
for screws M2.5

Ribbon cable, 10-pole

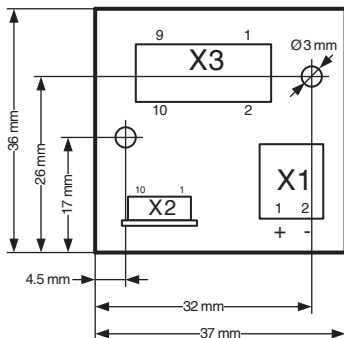
Length: 0.5 m

Cable: AWG 28

Header: 2 x DIN 41651

Conversion: 1:1

Max. continuous current: 1 A



Plug DIN 41651, 10-pole (X3)

Compatible with:
maxon motor control products
retainer clip included
Pitch: 2.54 mm

Pin assignment:

1	Motor + / n.c.	2	V _{CC}
3	GND	4	Motor - / n.c.
5	Channel A/	6	Channel A
7	Channel B/	8	Channel B
9	Channel I/	10	Channel I

Flexprint connector, 10-pole (X2)

Compatible with:
e.g. ENX 10 EASY Encoder
Pitch: 0.5 mm
FPC thickness: 0.3 mm
Contact position: top

Pin assignment:

1	n.c.	2	V _{CC}
3	GND	4	n.c.
5	Channel A/	6	Channel A
7	Channel B/	8	Channel B
9	Channel I/	10	Channel I

Spring terminals, 2-pole (X1)

Motor connection

Pitch: 2.5 mm

AWG 26 – 20

0.14 – 0.5 mm² single wire or 0.2 – 0.5 mm² multi-stranded
wire stripping length: 6 mm

suitable tool: miniature screwdriver, size «00»

Pin assignment:

1	Motor + / n.c.
2	Motor - / n.c.