



POWER CONNECTING CABLE M12-180/M12-180 FOR
POWER SUPPLY OF ET200,
PREASSEMBLED CABLE WITH M12 CONNECT. AND M12
A-CODE FEMALE CONNECTOR 4-POLE 1.0 M

Cable length 1 m

[nicht versorgt: TAK_ABR691_001_000]

Operating voltage
• RMS value 300 V

Conductor cross section / of the power wires 0.75 mm²

Mechanical data

Number of electrical wires 4

Outer diameter
• of the inner conductor 1.1 mm
• of the wire insulation 1.7 mm
• of the cable sheath 5.7 mm

Symmetrical tolerance of outer diameter / of cable sheath 0.2 mm

Material
• of cable sheath PVC

Bending radius
• with single bend / minimum permissible 57 mm
• with multiple bends / minimum permissible 57 mm

Traction stress / maximum 15 N

Weight per length 54 kg/km

Permitted ambient conditions

Ambient temperature

• during operating	-25 ... +80 °C
• during storage	-25 ... +80 °C
• during transport	-25 ... +80 °C
• during installation	-5 ... +80 °C

Product properties, functions, components / general

Product feature	
• halogen-free	No
• [not supplied - silicon-free]	Yes

Standards, specifications, approvals

Verification of suitability	
• UL-registration	Yes
• RoHS conformity	Yes
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	No
• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	No
• Germanische Lloyd (GL)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (NK)	No
• Polski Rejestr Statkow (PRS)	No

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