

Delock M12 Cable L-coded 5 pin male straight to female right angled PUR suitable for drag chains 5 m grey

Description

This M12 sensor cable by Delock can be used for direct current applications. The L-coded version has 5 power contacts with a rated current of 16 A at 63 V with which currents can be reliably transmitted. This can be used to supply power to fieldbus components, power supply units, industrial machines and motors, for e.g., where a high current and low voltage are required.



Item no. 80545

EAN: 4043619805457

Country of origin: China

Package: Zip poly bag

Technical details

- Connectors:
 - 1 x M12 male 5 pin L-coded straight
 - 1 x M12 female 5 pin L-coded right angled
- Copper conductor
- Shielded
- Cable gauge: 14 AWG (2.5 mm²)
- Rated current: 16 A / 63 V
- Spanner width: SW13
- Cable diameter: ca. 10.4 mm
- Cable jacket material: PUR
- Suitable for drag chains
- Drag chain speed: up to max. 5 m/s
- Tightening torque: 0.6 Nm
- Bending radius (fixed): 5 x outer diameter
- Bending radius (movable): 10 x outer diameter
- Max. number of bending cycles: 5,000,000
- Max. number of torsion cycles: 500,000

- Torsional stress: $\pm 180^\circ/\text{m}$
- Operating temperature (fixed): $-40^\circ\text{C} \sim 80^\circ\text{C}$
- Operating temperature (movable): $-25^\circ\text{C} \sim 75^\circ\text{C}$
- Flammability class: UL94HB
- Halogen-free, silicone-free, oil-resistant
- Protection class: IP66 / IP67
- Material thread: zinc diecast
- Colour: grey
- Length incl. connectors: ca. 5 m

Package content

- M12 cable

Images



General

| | |
|----------------------|-----------|
| Protection category: | IP66 / 67 |
|----------------------|-----------|

Interface

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|--------------|-------------------------------------------|
| Connector 1: | 1 x M12 male 5 pin L-coded |
| Connector 2: | 1 x M12 female 5 pin L-coded right angled |

Physical characteristics

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|-------------------------|-------------------------------|
| Conductor material: | copper |
| Conductor gauge: | 14 AWG (2.5 mm ²) |
| Material: | PUR |
| Shielding: | unshielded |
| Length: | 5 m |
| Colour: | grey |
| Spanner width: | 7.2 mm |
| Cable diameter: | 10.4 mm |
| Safety of Flammability: | UL94HB |