



**Part no.: 50135245**  
**KD PB-M12-4A-P3-150**  
**Connection cable**

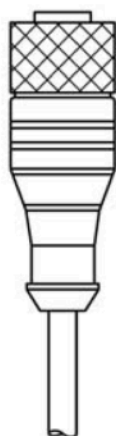


Figure can vary

## Contents

- Technical data
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## Technical data

| <b>Basic data</b>                              |   |
|--|---|
| Suitable for interface                         | PROFIBUS DP   |
| <b>Electrical data</b>                         |   |
| <b>Performance data</b>                        |   |
| Operating voltage                              | 60 V DC   |
| <b>Connection</b>                              |   |
| <b>Connection 1</b>                            |   |
| Type of connection                             | Connector   |
| Thread size                                    | M12   |
| Type   | Female  |
| Handle body material                           | PUR   |
| No. of pins                                    | 5 -pin  |
| Encoding                                       | B-coded   |
| Design   | Axial   |
| Lock   | Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking  |
| <b>Connection 2</b>                            |   |
| Type of connection                             | Open end  |
| <b>Cable properties</b>                        |   |
| Number of conductors                           | 2 Piece(s)  |
| Wire cross section                             | 0.64 mm <sup>2</sup>  |
| AWG  | 19  |
| Sheathing color                                | Violet  |
| Shielded                                       | Yes   |
| Silicone-free                                  | Yes   |
| Cable design                                   | Connection cable (open on one end)  |
| Cable diameter (external)                      | 7.7 mm  |
| Cable length                                   | 15,000 mm   |
| Sheathing material                             | PUR   |
| Wire insulation                                | PE  |
| Properties of the outer sheathing              | Free of CFC, cadmium, silicone, halogen and lead, matt, low-adhesion, abrasion-resistant, easily machine-processable  |
| Resistance of the outer sheathing              | Hydrolysis and microbe resistant, good oil, gasoline and chemical resistance in accordance with VDE 0472 part 803 test B, flame retardant in accordance with UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 |
| <b>Mechanical data</b>                         |   |
| Width across flats                             | 13 mm   |
| Bending cycles                                 | 5,000,000 Piece(s)  |
| Bending radius, flexible laying, min.          | Min. 12 x cable diameter  |
| Bending radius, stationary laying, min.        | Min. 7.5 x cable diameter   |
| <b>Environmental data</b>                      |   |
| Ambient temperature, operation, flexible use   | -20 ... 70 °C   |
| Ambient temperature, operation, stationary use | -40 ... 80 °C   |

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### Certifications

|                      |                |
|----------------------|----------------|
| Degree of protection | IP 65<br>IP 67 |
|----------------------|----------------|

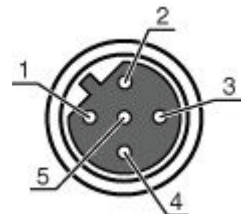
### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85444290 |
| eCl@ss 8.0            | 27279218 |
| eCl@ss 9.0            | 27060311 |
| ETIM 5.0              | EC001855 |
| ETIM 6.0              | EC001855 |

## Electrical connection

| Connection 1         |  |
|----------------------|--|
| Type of connection   | Connector  |
| Thread size          | M12  |
| Type                 | Female   |
| Handle body material | PUR  |
| No. of pins          | 5 -pin   |
| Encoding             | B-coded  |
| Design               | Axial  |
| Lock                 | Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking |

| Pin | Conductor color |
|-----|-----------------|
| 1   | n.c.            |
| 2   | Green           |
| 3   | n.c.            |
| 4   | Red             |
| 5   | n.c.            |



| Connection 2       |          |
|--------------------|----------|
| Type of connection | Open end |