Accessories
Connector System M12

M12x1 Mating female connector, 4-pin, straight, with molded cable, shielded, IP67, open ended
Connector housing Plastic PA
Cable sheath PUR; Ø = max. 6 mm, -25 °C...+80 °C (moved)
For wire gauge 6.8 mm, max. 0.75 mm²
Type EEM 33-88, P/N 005633

M12x1 Mating female connector, 4-pin, angled, with molded cable, shielded, IP67, open ended
Connector housing Plastic PA
Cable sheath PUR; Ø = max. 6 mm, -25 °C...+80 °C (moved)
For wire gauge 6.8 mm, max. 0.75 mm²
Type EEM 33-89, P/N 005634

M12x1 Mating female connector, 4-pin, straight, with coupling nut, screw termination, IP67, not shielded
Connector housing Plastic PBT
-25 °C...+90 °C
For wire gauge 6.8 mm, max. 0.75 mm²
Type EEM 33-88, P/N 005633

M12x1 Mating female connector, 4-pin, angled, with coupling nut, screw termination, IP67, not shielded
Connector housing Plastic PBT
-25 °C...+90 °C
For wire gauge 6.8 mm, max. 0.75 mm²
Type EEM 33-89, P/N 005634

Pin assignment
1 = brown
2 = white
3 = blue
4 = black

Length Type P/N
2 m EEM 33-32 005600
5 m EEM 33-62 005609
10 m EEM 33-97 005650

Pin assignment
1 = brown
2 = white
3 = blue
4 = black

Length Type P/N
2 m EEM 33-33 005601
5 m EEM 33-63 005610
10 m EEM 33-99 005696

Pin assignment
M12x1 Mating female connector, 4-pin, straight, with molded cable, shielded, IP67, open ended
Connector housing Plastic PBT
Cable sheath PUR; Ø = max. 6 mm, -25 °C...+80 °C (moved)
-50 °C...+80 °C (fixed)
For wire gauge 6.8 mm, max. 0.75 mm²
Wires PP, 0.34 mm²

Length Type P/N
2 m EEM 33-32 005600
5 m EEM 33-62 005609
10 m EEM 33-97 005650

Pin assignment
M12x1 Mating female connector, 4-pin, angled, with molded cable, shielded, IP67, open ended
Connector housing Plastic PBT
Cable sheath PUR; Ø = max. 6 mm, -25 °C...+80 °C (moved)
-50 °C...+80 °C (fixed)
For wire gauge 6.8 mm, max. 0.75 mm²
Wires PP, 0.34 mm²

Length Type P/N
2 m EEM 33-33 005601
5 m EEM 33-63 005610
10 m EEM 33-99 005696
| Pin assignment | 1 = brown  
| 2 = white  
| 3 = blue  
| 4 = black |

| Connector housing | Plastic PA |

| Cable sheath | PUR; Ø = max. 6 mm, -40 °C...+85 °C (fixed) |

| Wires | PP, 0.34 mm² |

<table>
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<th>Length</th>
<th>Type</th>
<th>P/N</th>
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<td>5 m</td>
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<td>10 m</td>
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| Pin assignment | 1 = brown  
| 2 = white  
| 3 = blue  
| 4 = black |

| Connector housing | Plastic PA |

| Cable sheath | PUR; Ø = max. 6 mm, -40 °C...+85 °C (fixed) |

| Wires | PP, 0.34 mm² |

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<td>5 m</td>
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<td>10 m</td>
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| Pin assignment | 1 = brown  
| 2 = white  
| 3 = blue  
| 4 = black |

| Connector housing | Metal |

| For wire gauge | 6.8 mm, max. 0.75 mm² |
| Type | EEM 33-75, P/N 005645 |

| Pin assignment | 1 = brown  
| 2 = white  
| 3 = blue  
| 4 = black |

| Connector housing | Metal |

| For wire gauge | 6.8 mm, max. 0.75 mm² |
| Type | EEM 33-75, P/N 005646 |
### M12x1 Splitter / T-connector, 5-pin, IP68
- **1:1 connection, female - male - female**, CAN-Bus
- **Connector housing** PUR
- **Temperature range** -25 °C...+85 °C
- **Type** EEM 33-45, P/N 056145

#### Pin Assignment
- 1 = n. c.
- 2 = n. c.
- 3 = n. c.
- 4 = resistance
- 5 = resistance

### M12x1 Terminating Resistor, 5-pin, IP67
- **120 Ω resistance**, CAN-Bus
- **Connector housing** PUR
- **Temperature range** -25 °C...+85 °C
- **Type** EEM 33-47, P/N 056147

#### Pin Assignment
- 1 = n. c.
- 2 = n. c.
- 3 = n. c.
- 4 = resistance
- 5 = resistance

### M12x1 Mating Female Connector, 5-pin, Straight, with Molded Cable, IP67
- CAN-Bus
- **Connector housing** PUR
- **Cable sheath** PUR Ø = max. 7.2 mm, -25 °C...+85 °C (moved)
- **Wires** PP 2x 0.25 mm² + 2 x 0.34 mm²

#### Pin Assignment
- 1 = shield
- 2 = red (0.34 mm²)
- 3 = black (0.34 mm²)
- 4 = white (0.25 mm²)
- 5 = blue (0.25 mm²)

#### Length and Type
- 2 m EEM 33-41 056141
- 5 m EEM 33-42 056142
- 10 m EEM 33-43 056143

### M12x1 Mating Female Connector, 5-pin, Straight, with Molded Cable, IP68, CAN-Bus
- **Connector housing** PUR
- **Cable sheath** PUR, Ø 7.2 mm, -25 °C...+85 °C (fixed)

#### Length and Type
- 5 m EEM 33-44 056144
**Pin assignment**

M12x1 Mating female connector, 8-pin, straight, with molded cable, shielded, IP67, open ended

Connector housing: Plastic PA

Cable sheath: PUR; Ø = max. 8 mm,
-25 °C...+80 °C (moved)
-50 °C...+80 °C (fixed)

Wires: PP, 0.25 mm²

1 = white
2 = brown
3 = green
4 = yellow
5 = grey
6 = pink
7 = blue
8 = red

**Length**

<table>
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<td>10 m</td>
<td>EEM 33-92</td>
<td>005637</td>
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**Note:** The protection class is valid only in locked position with its plugs. The application of these products in harsh environments must be checked in particular cases.