



**Part no.: 50138211**  
**MD 748i-11-82/L5-2222**  
**Distribution box**



Figure can vary

## Contents

- Technical data
- Electrical connection
- Accessories

## Technical data

| <b>Basic data</b> |                |
|-------------------|----------------|
| Type              | IO-Link master |

| <b>Electrical data</b>                                         |                 |
|----------------------------------------------------------------|-----------------|
| <b>Performance data</b>                                        |                 |
| Supply voltage $U_B$                                           | 20 ... 30 V, DC |
| Current consumption, max.                                      | 12,000 mA       |
| <b>Outputs</b>                                                 |                 |
| Number of digital switching outputs for each sensor connection | 1 Piece(s)      |

| <b>Interface</b>     |                         |
|----------------------|-------------------------|
| Type                 | IO-Link<br>PROFINET     |
| <b>IO-Link</b>       |                         |
| COM mode             | COM1<br>COM2<br>COM3    |
| Port type            | A                       |
| Specification        | V1.0.1<br>V1.1          |
| SIO-mode support     | Yes                     |
| <b>Profinet</b>      |                         |
| Conformance class    | B                       |
| Protocol             | PROFINET RT             |
| Switch functionality | Integrated              |
| Transmission speed   | 10 Mbit/s<br>100 Mbit/s |

| <b>Connection</b>               |                                                     |
|---------------------------------|-----------------------------------------------------|
| Number of connections           | 12 Piece(s)                                         |
| Sensor connections              | 8 Piece(s)                                          |
| Connections for voltage supply  | 2 Piece(s)                                          |
| Number of interface connections | 2 Piece(s)                                          |
| <b>Connection 1</b>             |                                                     |
| Type of connection              | Connector, Applies for the sensor connections 1 - 8 |
| Function                        | Connection to 8 sensors                             |
| Thread size                     | M12                                                 |
| Type                            | Female                                              |
| Material                        | Metal                                               |
| No. of pins                     | 5 -pin                                              |
| Encoding                        | A-coded                                             |
| <b>Connection 2</b>             |                                                     |
| Type of connection              | Connector                                           |
| Function                        | Voltage supply                                      |
| Thread size                     | M12                                                 |
| Type                            | Female                                              |
| Material                        | Metal                                               |
| No. of pins                     | 5 -pin                                              |
| Encoding                        | L-coded                                             |

**Connection 3**

|                    |                |
|--------------------|----------------|
| Type of connection | Connector      |
| Function           | Voltage supply |
| Thread size        | M12            |
| Type               | Male           |
| Material           | Metal          |
| No. of pins        | 5 -pin         |
| Encoding           | L-coded        |

**Connection 4**

|                    |                |
|--------------------|----------------|
| Type of connection | Connector      |
| Function           | Data interface |
| Thread size        | M12            |
| Type               | Female         |
| Material           | Metal          |
| No. of pins        | 4 -pin         |
| Encoding           | D-coded        |

**Connection 5**

|                    |                |
|--------------------|----------------|
| Type of connection | Connector      |
| Function           | Data interface |
| Thread size        | M12            |
| Type               | Female         |
| Material           | Metal          |
| No. of pins        | 4 -pin         |
| Encoding           | D-coded        |

**Mechanical data**

|                       |                        |
|-----------------------|------------------------|
| Dimension (W x H x L) | 65 mm x 30 mm x 212 mm |
| Housing material      | Plastic                |
| Net weight            | 454 g                  |

**Environmental data**

|                                |               |
|--------------------------------|---------------|
| Ambient temperature, operation | -25 ... 60 °C |
| Ambient temperature, storage   | -40 ... 70 °C |

**Certifications**

|                      |         |
|----------------------|---------|
| Degree of protection | IP 67   |
| Certifications       | c UL US |

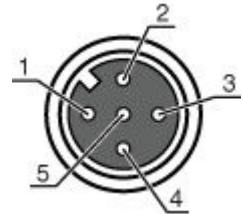
**Classification**

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85176200 |
| eCl@ss 8.0            | 19170106 |
| eCl@ss 9.0            | 19170106 |
| ETIM 5.0              | EC000734 |
| ETIM 6.0              | EC000734 |

## Electrical connection

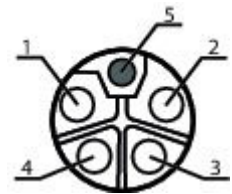
| Connection 1       | 1 - 8                   |
|--------------------|-------------------------|
| Type of connection | Connector               |
| Function           | Connection to 8 sensors |
| Thread size        | M12                     |
| Type               | Female                  |
| Material           | Metal                   |
| No. of pins        | 5 -pin                  |
| Encoding           | A-coded                 |

| Pin | Pin assignment         |
|-----|------------------------|
| 1   | L+                     |
| 2   | IN1                    |
| 3   | L-                     |
| 4   | IO-Link / OUT 1 / IN 1 |
| 5   | n.c.                   |



| Connection 2       | PWR IN         |
|--------------------|----------------|
| Type of connection | Connector      |
| Function           | Voltage supply |
| Thread size        | M12            |
| Type               | Female         |
| Material           | Metal          |
| No. of pins        | 5 -pin         |
| Encoding           | L-coded        |

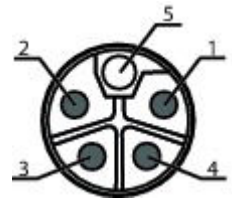
| Pin | Pin assignment |
|-----|----------------|
| 1   | US+            |
| 2   | UA-            |
| 3   | US-            |
| 4   | UA+            |
| 5   | N/A            |



| Connection 3       | PWR OUT        |
|--------------------|----------------|
| Type of connection | Connector      |
| Function           | Voltage supply |
| Thread size        | M12            |
| Type               | Male           |
| Material           | Metal          |
| No. of pins        | 5 -pin         |
| Encoding           | L-coded        |

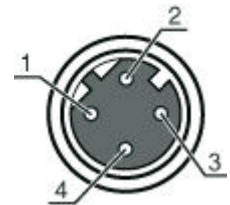
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| Pin | Pin assignment |
|-----|----------------|
| 1   | US+            |
| 2   | UA-            |
| 3   | US-            |
| 4   | UA+            |
| 5   | N/A            |



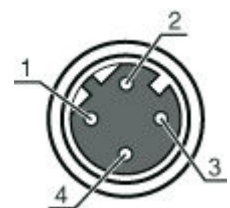
| Connection 4       | ETH1           |
|--------------------|----------------|
| Type of connection | Connector      |
| Function           | Data interface |
| Thread size        | M12            |
| Type               | Female         |
| Material           | Metal          |
| No. of pins        | 4 -pin         |
| Encoding           | D-coded        |

| Pin | Pin assignment |
|-----|----------------|
| 1   | Tx+            |
| 2   | Rx+            |
| 3   | Tx-            |
| 4   | Rx-            |












| Connection 5       | ETH2           |
|--------------------|----------------|
| Type of connection | Connector      |
| Function           | Data interface |
| Thread size        | M12            |
| Type               | Female         |
| Material           | Metal          |
| No. of pins        | 4 -pin         |
| Encoding           | D-coded        |

| Pin | Pin assignment |
|-----|----------------|
| 1   | Tx+            |
| 2   | Rx+            |
| 3   | Tx-            |
| 4   | Rx-            |






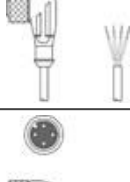
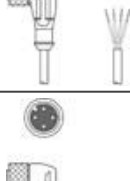



**Accessories**

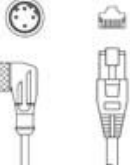
## Connection technology - Connection cables

|                                                                                     | Part no. | Designation         | Article          | Description                                                                                                                                                  |
|-------------------------------------------------------------------------------------|----------|---------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | 50141463 | KD PL-M12-5A-P0-050 | Connection cable | Connection 1: Connector, M12, Axial, Male, L-coded, 5 -pin<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PUR                              |
|    | 50130654 | KD U-M12-4A-P1-020  | Connection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PUR  |
|    | 50130656 | KD U-M12-4A-P1-030  | Connection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 3,000 mm<br>Sheathing material: PUR  |
|   | 50130657 | KD U-M12-4A-P1-050  | Connection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PUR  |
|  | 50130658 | KD U-M12-4A-P1-100  | Connection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 10,000 mm<br>Sheathing material: PUR |
|  | 50130648 | KD U-M12-4A-V1-020  | Connection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PVC  |
|  | 50130651 | KD U-M12-4A-V1-030  | Connection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 3,000 mm<br>Sheathing material: PVC  |
|  | 50130652 | KD U-M12-4A-V1-050  | Connection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PVC  |
|  | 50130653 | KD U-M12-4A-V1-100  | Connection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 10,000 mm<br>Sheathing material: PVC |

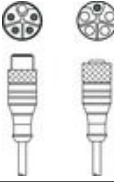
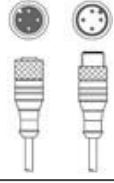
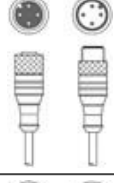

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|                                                                                     | Part no. | Designation        | Article          | Description                                                                                                                                                   |
|-------------------------------------------------------------------------------------|----------|--------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | 50130692 | KD U-M12-4W-P1-020 | Connection cable | Connection 1: Connector, M12, Angled, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PUR  |
|    | 50130693 | KD U-M12-4W-P1-030 | Connection cable | Connection 1: Connector, M12, Angled, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 3,000 mm<br>Sheathing material: PUR  |
|    | 50130694 | KD U-M12-4W-P1-050 | Connection cable | Connection 1: Connector, M12, Angled, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PUR  |
|   | 50130695 | KD U-M12-4W-P1-100 | Connection cable | Connection 1: Connector, M12, Angled, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 10,000 mm<br>Sheathing material: PUR |
|  | 50130688 | KD U-M12-4W-V1-020 | Connection cable | Connection 1: Connector, M12, Angled, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PVC  |
|  | 50130689 | KD U-M12-4W-V1-030 | Connection cable | Connection 1: Connector, M12, Angled, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 3,000 mm<br>Sheathing material: PVC  |
|  | 50130690 | KD U-M12-4W-V1-050 | Connection cable | Connection 1: Connector, M12, Angled, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PVC  |
|  | 50130691 | KD U-M12-4W-V1-100 | Connection cable | Connection 1: Connector, M12, Angled, Female, A-coded, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 10,000 mm<br>Sheathing material: PVC |

**Connection technology - Interconnection cables**


|                                                                                     | Part no. | Designation                 | Article               | Description                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------|----------|-----------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 50136183 | 65S ET-M12-4W-RJ45-A-P7-050 | Interconnection cable | Suitable for interface: Ethernet<br>Connection 1: Connector, M12, Angled, Male, D-coded, 4 -pin<br>Connection 2: RJ45<br>Shielded: Yes<br>Cable length: 5,000 mm<br>Sheathing material: PUR |

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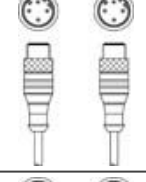
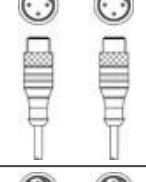
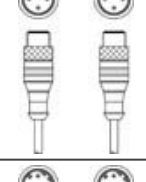
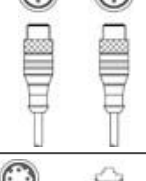
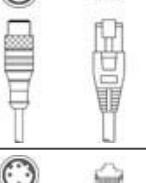
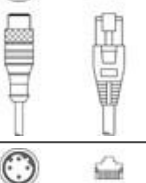
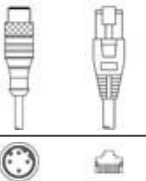
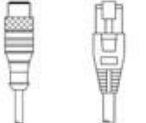
|                                                                                     | Part no. | Designation                 | Article               | Description                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------|----------|-----------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | 50116738 | K-DS M12A-M8A-4P-0,3m-PVC   | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M8, Axial, Male, 4 -pin<br>Shielded: No<br>Cable length: 300 mm<br>Sheathing material: PVC              |
|    | 50141462 | KDS PL-M12-5A-M12-5A-P0-020 | Interconnection cable | Connection 1: Connector, M12, Axial, Male, L-coded, 5 -pin<br>Connection 2: Connector, M12, Axial, Female, L-coded, 5 -pin<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PUR  |
|    | 50130737 | KDS U-M12-4A-M12-4A-P1-003  | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Axial, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 300 mm<br>Sheathing material: PUR    |
|    | 50130738 | KDS U-M12-4A-M12-4A-P1-006  | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Axial, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 600 mm<br>Sheathing material: PUR    |
|   | 50130739 | KDS U-M12-4A-M12-4A-P1-010  | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Axial, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 1,000 mm<br>Sheathing material: PUR  |
|  | 50130740 | KDS U-M12-4A-M12-4A-P1-015  | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Axial, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 1,500 mm<br>Sheathing material: PUR  |
|  | 50130741 | KDS U-M12-4A-M12-4A-P1-020  | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Axial, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PUR  |
|  | 50130742 | KDS U-M12-4A-M12-4A-P1-030  | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Axial, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 3,000 mm<br>Sheathing material: PUR  |
|  | 50130743 | KDS U-M12-4A-M12-4A-P1-050  | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Axial, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PUR  |
|  | 50130744 | KDS U-M12-4A-M12-4A-P1-100  | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Axial, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 10,000 mm<br>Sheathing material: PUR |



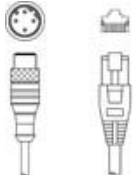
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|                                                                                     | Part no. | Designation                | Article               | Description                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------|----------|----------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | 50130756 | KDS U-M12-4A-M12-4W-P1-003 | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Angled, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 300 mm<br>Sheathing material: PUR   |
|    | 50130757 | KDS U-M12-4A-M12-4W-P1-006 | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Angled, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 600 mm<br>Sheathing material: PUR   |
|    | 50130758 | KDS U-M12-4A-M12-4W-P1-010 | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Angled, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 1,000 mm<br>Sheathing material: PUR |
|    | 50130759 | KDS U-M12-4A-M12-4W-P1-020 | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Angled, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PUR |
|  | 50130760 | KDS U-M12-4A-M12-4W-P1-030 | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Angled, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 3,000 mm<br>Sheathing material: PUR |
|  | 50130761 | KDS U-M12-4A-M12-4W-P1-050 | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Angled, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PUR |
|  | 50130750 | KDS U-M12-4A-M12-4W-V1-003 | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Angled, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 300 mm<br>Sheathing material: PVC   |
|  | 50130751 | KDS U-M12-4A-M12-4W-V1-006 | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Angled, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 600 mm<br>Sheathing material: PVC   |
|  | 50130752 | KDS U-M12-4A-M12-4W-V1-010 | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Angled, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 1,000 mm<br>Sheathing material: PVC |
|  | 50130753 | KDS U-M12-4A-M12-4W-V1-020 | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Angled, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PVC |

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|                                                                                     | Part no. | Designation                 | Article               | Description                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------|----------|-----------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | 50130754 | KDS U-M12-4A-M12-4W-V1-030  | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Angled, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 3,000 mm<br>Sheathing material: PVC                                    |
|    | 50130755 | KDS U-M12-4A-M12-4W-V1-050  | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin<br>Connection 2: Connector, M12, Angled, Male, A-coded, 4 -pin<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PVC                                    |
|    | 50137077 | KSS ET-M12-4A-M12-4A-P7-020 | Interconnection cable | Suitable for interface: Ethernet<br>Connection 1: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Connection 2: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Shielded: Yes<br>Cable length: 1,000 mm<br>Sheathing material: PUR  |
|    | 50137078 | KSS ET-M12-4A-M12-4A-P7-050 | Interconnection cable | Suitable for interface: Ethernet<br>Connection 1: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Connection 2: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Shielded: Yes<br>Cable length: 1,000 mm<br>Sheathing material: PUR  |
|  | 50137079 | KSS ET-M12-4A-M12-4A-P7-100 | Interconnection cable | Suitable for interface: Ethernet<br>Connection 1: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Connection 2: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Shielded: Yes<br>Cable length: 10,000 mm<br>Sheathing material: PUR |
|  | 50137080 | KSS ET-M12-4A-M12-4A-P7-150 | Interconnection cable | Suitable for interface: Ethernet<br>Connection 1: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Connection 2: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Shielded: Yes<br>Cable length: 15,000 mm<br>Sheathing material: PUR |
|  | 50130632 | KSS ET-M12-4A-RJ45-A-P7-010 | Interconnection cable | Suitable for interface: Ethernet<br>Connection 1: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Connection 2: RJ45<br>Shielded: Yes<br>Cable length: 1,000 mm<br>Sheathing material: PUR                                          |
|  | 50135080 | KSS ET-M12-4A-RJ45-A-P7-020 | Interconnection cable | Suitable for interface: Ethernet<br>Connection 1: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Connection 2: RJ45<br>Shielded: Yes<br>Cable length: 2,000 mm<br>Sheathing material: PUR                                          |
|  | 50135081 | KSS ET-M12-4A-RJ45-A-P7-050 | Interconnection cable | Suitable for interface: Ethernet<br>Connection 1: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Connection 2: RJ45<br>Shielded: Yes<br>Cable length: 5,000 mm<br>Sheathing material: PUR                                          |
|  | 50135082 | KSS ET-M12-4A-RJ45-A-P7-100 | Interconnection cable | Suitable for interface: Ethernet<br>Connection 1: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Connection 2: RJ45<br>Shielded: Yes<br>Cable length: 10,000 mm<br>Sheathing material: PUR                                         |

Part no.: 50138211 – MD 748i-11-82/L5-2222 – Distribution box

|                                                                                   | Part no. | Designation                 | Article               | Description                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------|----------|-----------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 50135083 | KSS ET-M12-4A-RJ45-A-P7-150 | Interconnection cable | Suitable for interface: Ethernet<br>Connection 1: Connector, M12, Axial, Male, D-coded, 4 -pin<br>Connection 2: RJ45<br>Shielded: Yes<br>Cable length: 15,000 mm<br>Sheathing material: PUR |