

CONNECTORS FOR FIELDBUS

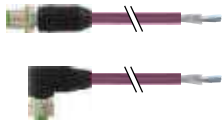
- Wide range of M8, M12 and RJ45 connectors
- 360° shielding
- Flex rated cables

FROM AS-INTERFACE TO ETHERNET TO PROFIBUS AND MORE...

Murrelektronik offers connection accessories for the fieldbus products. In addition to both field-wireable M12 and RJ45 connectors we have a wide range of pre-wired, molded models. Both the 15° locking mechanism and the PUR molding ensure an IP65/67 rated connection which make the connectors suitable for many rough industrial environments.



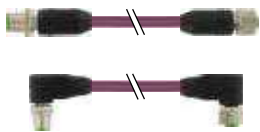
PROFIBUS



With open ended wires

M12 male/female (shielded)
• Straight/90°

Page 3.6.1



Connection Cables

M12 male – M12 female (shielded)
• Straight/90°

Page 3.6.3

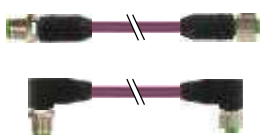
DeviceNet, CANopen



With open ended wires

M12 male/female
• Straight/90°

Page 3.6.4



Connection Cables

M12 male – M12 female
• Straight/90°

Page 3.6.6

EtherNet, EtherCAT, PROFINET



With open ended wires

M8 male/female (shielded)
• Straight/90°

Connection Cables

M8 male – M8 male/M8 female/RJ45 male (shielded)
• Straight/90°

Page 3.6.7



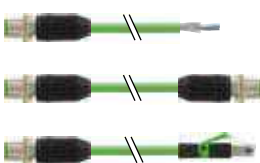
With open ended wires

M8 female
• Straight/90°

Connection Cables

M8 male – M8 female
• Straight/90°

Page 3.6.10



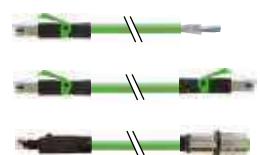
With open ended wires

M12 male/female (shielded)
• Straight/90°

Connection Cables

M12 male – M12 male/M12 female/RJ45 male (shielded)
• Straight/90°

Page 3.6.12



With open ended wires

RJ45 male (shielded)
• Straight/90°

Connection Cables

RJ45 male – RJ45 male/M12 female flange plug (shielded)
• Straight/90°

Page 3.6.21



With open ended wires

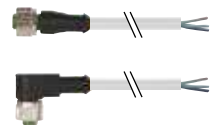
RJ45 male Push Pull Power
• Straight

Connection Cables

RJ45 male Push Pull Power – RJ45 male Push Pull Power
• Straight

Page 3.6.26

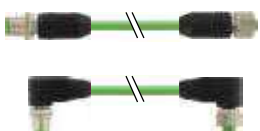
Cube67



With open ended wires

M12 female
• Straight/90°

Page 3.6.28

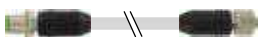


Connection Cables

M12 male – M12 female (shielded)
• Straight/90°

Page 3.6.29

AS-Interface



Connection Cables
for MASI68

M12 male – M12 female
• Straight

Page 3.6.30

PROFIBUS

– with open ended wires M12



* only for products with UL/CSA approved cable

Male

straight



Male

90°



| | | | |
|---|---|--|-----------------------------|
| 1 Form | | 14051 | 14081 |
| Type | 2-pole, shielded B-coded | | 2-pole, shielded B-coded |
| Circuit diagram | | | |
| Contact layout | <p>Male</p> | | |
| 2 Cable Type | | Jacket Color | Jacket Color |
| 1x2x0.25 mm ² | | violet | violet |
| PUR (UL/CSA), C-tracks | | 841 | 841 |
| PUR (UL/CSA), Highspeed C-track | | 840 | 840 |
| PUR (UL/CSA), Torsion | | 843 | 843 |
| PVC (UL), C-tracks | | 850 | 850 |
| Terminator M12 (male) | 7000-14041-0000000 | | |
| Control cabinet entry system M12 | 7000-44111-0000000 | | |
| 3 Cable Length | | | |
| 1.5 m | 0150 | | |
| 3.0 m | 0300 | | |
| 5.0 m | 0500 | | |
| 7.5 m | 0750 | | |
| 10.0 m | 1000 | | |
| Technical Data | | | |
| Operating voltage | max. 60 V AC/DC | | |
| Protection | IP65, IP66K, IP67 inserted and tightened (EN 60529) | | |
| Temperature range | -25...+85 °C, depending on cable quality | | |
| Article No. | | | |
| The composition of your article number is explained on page 3.1.i | | 7 0 0 0 | — — — — — |
| | 1 Form | 2 Cable Type | 3 Cable Length |
| Notes | | Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6. | |

PROFIBUS

– Connection cables M12 - M12



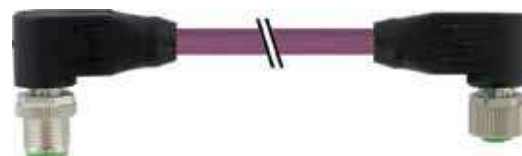
* only for products with UL/CSA approved cable

Male
straight

Female
straight

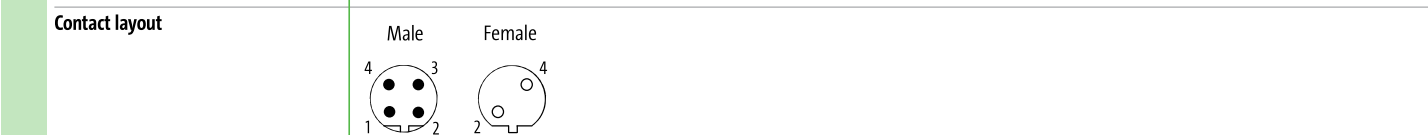
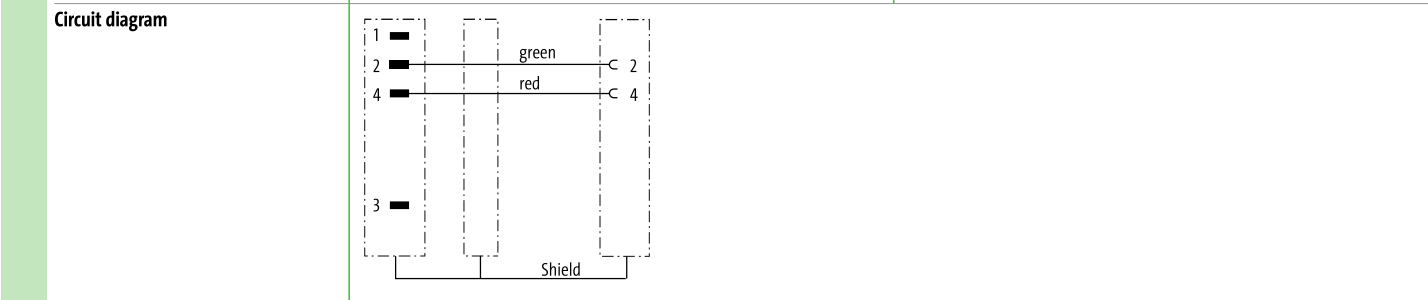
Male
90°

Female
90° *stay connected*



1 Form **44001** **44021**

Type 2-pole, shielded B-coded 2-pole, shielded B-coded



2 Cable Type **Jacket Color** **Jacket Color**

| | | |
|----------------------------------|--------------------|--------|
| 1x2x0.25 mm ² | violet | violet |
| PUR (UL/CSA), C-tracks | 841 | 841 |
| PUR (UL/CSA), Highspeed C-track | 840 | 840 |
| PUR (UL/CSA), Torsion | 843 | 843 |
| PVC (UL), C-tracks | 850 | 850 |
| Terminator M12 (male) | 7000-14041-0000000 | |
| Control cabinet entry system M12 | 7000-44111-0000000 | |

3 Cable Length

| | |
|--------|------|
| 1.5 m | 0150 |
| 3.0 m | 0300 |
| 5.0 m | 0500 |
| 7.5 m | 0750 |
| 10.0 m | 1000 |

Technical Data

| | |
|-------------------|---|
| Operating voltage | max. 60 V AC/DC |
| Protection | IP65, IP66K, IP67 inserted and tightened (EN 60529) |
| Temperature range | -25...+85 °C, depending on cable quality |

Article No.

The composition of your article number is explained on page 3.1.i

7 0 0 0 - - - - -

1 Form **2 Cable Type** **3 Cable Length**

Notes

Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.

Fieldbus Connectors

DeviceNet, CANopen

– with open ended wires M12



* only for products with UL/CSA approved cable



| | | | | | | | | | | | | |
|---|--|---------------------|-----------------------|----------|----------|--|-------|--------|-----|-----|---|-----|
| 1 Form | 13105 | 13125 | | | | | | | | | | |
| | Type 5-pole | Type 5-pole | | | | | | | | | | |
| Circuit diagram | | | | | | | | | | | | |
| Contact layout | | | | | | | | | | | | |
| 2 Cable Type | Jacket Color | Jacket Color | | | | | | | | | | |
| 2x0.25 + 2x0.34 mm ² PUR (UL/CSA), C-tracks | <table border="1"> <tr> <td>black</td> <td>violet</td> </tr> <tr> <td>838</td> <td>803</td> </tr> </table> | black | violet | 838 | 803 | <table border="1"> <tr> <td>black</td> <td>violet</td> </tr> <tr> <td>838</td> <td>803</td> </tr> </table> | black | violet | 838 | 803 | | |
| black | violet | | | | | | | | | | | |
| 838 | 803 | | | | | | | | | | | |
| black | violet | | | | | | | | | | | |
| 838 | 803 | | | | | | | | | | | |
| 3 Cable Length | | | | | | | | | | | | |
| 1.5 m | 0150 | | | | | | | | | | | |
| 3.0 m | 0300 | | | | | | | | | | | |
| 5.0 m | 0500 | | | | | | | | | | | |
| 7.5 m | 0750 | | | | | | | | | | | |
| 10.0 m | 1000 | | | | | | | | | | | |
| Technical Data | | | | | | | | | | | | |
| Operating voltage | max. 60 V AC/DC | | | | | | | | | | | |
| Protection | IP65, IP66K, IP67 inserted and tightened (EN 60529) | | | | | | | | | | | |
| Temperature range | -25...+85 °C, depending on cable quality | | | | | | | | | | | |
| Article No. | | | | | | | | | | | | |
| The composition of your article number is explained on page 3.1.i | <table border="1"> <tr> <td><u>7</u></td> <td><u>0</u></td> <td><u>0</u></td> <td><u>0</u></td> <td>-</td> <td>---</td> <td>-</td> <td>---</td> <td>-</td> <td>---</td> </tr> </table> | | <u>7</u> | <u>0</u> | <u>0</u> | <u>0</u> | - | --- | - | --- | - | --- |
| <u>7</u> | <u>0</u> | <u>0</u> | <u>0</u> | - | --- | - | --- | - | --- | | | |
| | 1 Form | 2 Cable Type | 3 Cable Length | | | | | | | | | |
| Notes | Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6. | | | | | | | | | | | |

DeviceNet, CANopen

– with open ended wires M12



* only for products with UL/CSA approved cable

Female
straight



Female
90°



| | | | |
|---|--|---------------------|-----------------------|
| 1 Form | | 13225 | 13251 |
| Type | | 5-pole | 5-pole |
| Circuit diagram | | | |
| Contact layout | <p>Female</p> | | |
| 2 Cable Type | Jacket Color | Jacket Color | |
| 2x0.25 + 2x0.34 mm ² PUR (UL/CSA), C-tracks | black 838 | violet 803 | black 838 |
| Control cabinet entry system M12 | 7000-42111-0000000 | | |
| 3 Cable Length | | | |
| 1.5 m | 0150 | | |
| 3.0 m | 0300 | | |
| 5.0 m | 0500 | | |
| 7.5 m | 0750 | | |
| 10.0 m | 1000 | | |
| Technical Data | | | |
| Operating voltage | max. 60 V AC/DC | | |
| Protection | IP65, IP66K, IP67 inserted and tightened (EN 60529) | | |
| Temperature range | -25...+85 °C, depending on cable quality | | |
| Article No. | | | |
| The composition of your article number is explained on page 3.1.i | <p style="text-align: center;">7 0 0 0 - - - - - - - - - -</p> | | |
| | 1 Form | 2 Cable Type | 3 Cable Length |
| Notes | Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6. | | |

DeviceNet, CANopen

– Connection cables M12 - M12

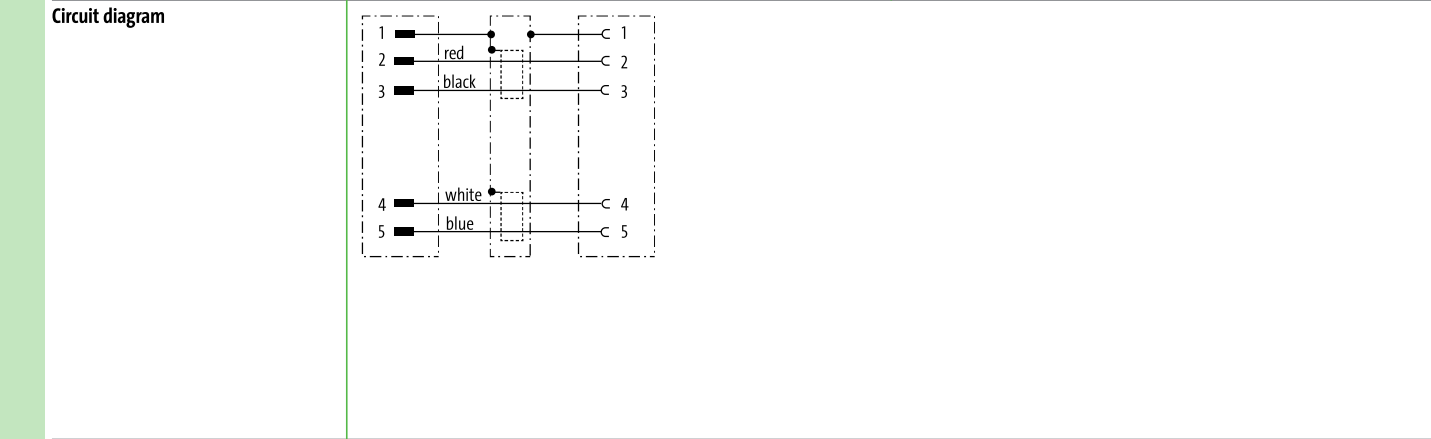


* only for products with UL/CSA approved cable



| | | |
|---------------|--------------|--------------|
| 1 Form | 40531 | 40551 |
|---------------|--------------|--------------|

| | | |
|------|--------|--------|
| Type | 5-pole | 5-pole |
|------|--------|--------|



| 2 Cable Type | Jacket Color | | Jacket Color | |
|--|--------------|--------|--------------|--------|
| | black | violet | black | violet |
| 2x0.25 + 2x0.34 mm ² PUR (UL/CSA), Ctracks | 838 | 803 | 838 | 803 |

| | |
|----------------------------------|--------------------|
| Control cabinet entry system M12 | 7000-42111-0000000 |
|----------------------------------|--------------------|

| 3 Cable Length | 1.5 m | 0150 |
|----------------|-------|------|
| 3.0 m | 0300 | |
| 5.0 m | 0500 | |
| 7.5 m | 0750 | |
| 10.0 m | 1000 | |

| Technical Data | Operating voltage | max. 60 V AC/DC |
|-------------------|---|-----------------|
| Protection | IP65, IP66K, IP67 inserted and tightened (EN 60529) | |
| Temperature range | -25...+85 °C, depending on cable quality | |

Article No.

The composition of your article number is explained on page 3.1.i

7 0 0 0 - - - - - - - - - -

| | | |
|---------------|---------------------|-----------------------|
| 1 Form | 2 Cable Type | 3 Cable Length |
|---------------|---------------------|-----------------------|

Notes

Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.

Fieldbus Connectors

Industrial Ethernet

– Connection cables M8 - M8

EtherCAT



* only for products with UL/CSA approved cable



| | | |
|---|---|-----------------------|
| 1 Form | 89701 | 89771 |
| | 4-pole, shielded | 4-pole, shielded |
| Circuit diagram | | |
| Contact layout | | |
| 2 Cable Type | Jacket Color | Jacket Color |
| 1x4x0.15 mm ² PUR (UL/CSA), C-tracks | green 791 | green 791 |
| 3 Cable Length | | |
| 1.5 m | 0150 | |
| 3.0 m | 0300 | |
| 5.0 m | 0500 | |
| 7.5 m | 0750 | |
| 10.0 m | 1000 | |
| Technical Data | | |
| Operating voltage | max. 50 V AC/60 V DC | |
| Protection | IP67 inserted and tightened (EN 60529) | |
| Temperature range | -25...+85 °C, depending on cable quality | |
| Article No. | | |
| The composition of your article number is explained on page 3.1.i | <div style="display: flex; justify-content: space-around; align-items: center;"> 7 0 0 0 - _ - _ _ _ </div> | |
| | 1 Form | 2 Cable Type |
| | | 3 Cable Length |
| Notes | Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6. | |

Fieldbus Connectors

Industrial Ethernet

– Connection cables M8 - RJ45



* only for products with UL/CSA approved cable

Male
straight

Male
straight

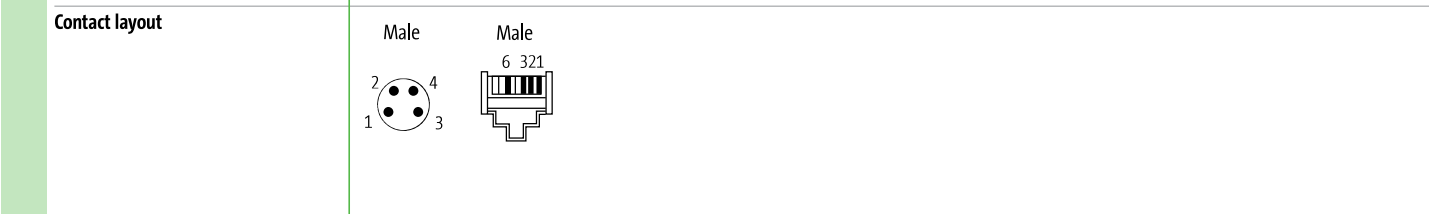
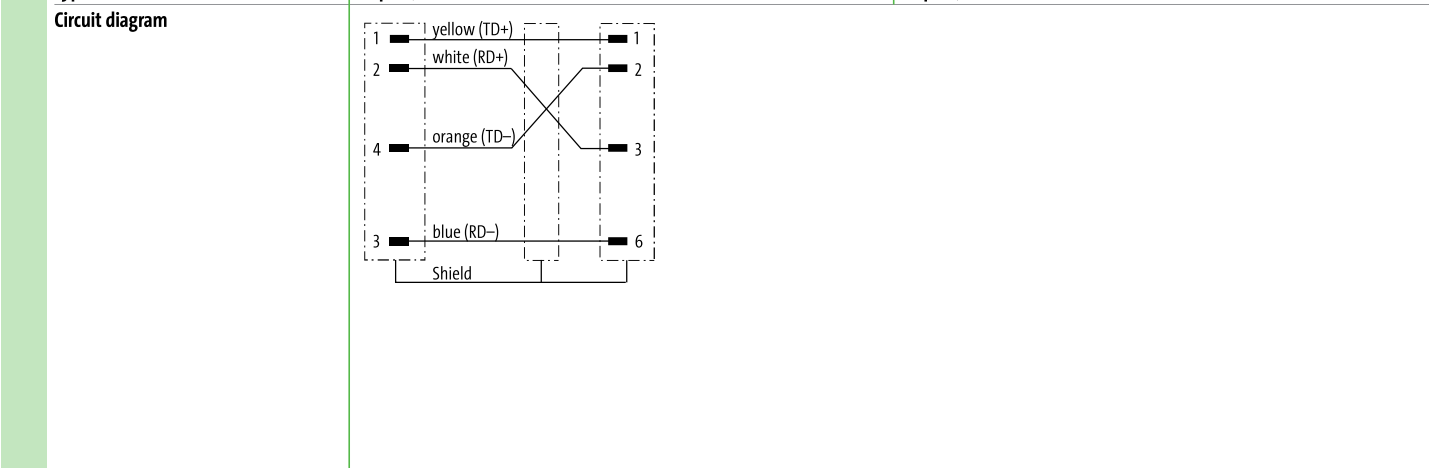
Male
90°

stay connected
Male
straight



| | | |
|---------------|--------------|--------------|
| 1 Form | 89721 | 89781 |
|---------------|--------------|--------------|

| | | |
|------|------------------|------------------|
| Type | 4-pole, shielded | 4-pole, shielded |
|------|------------------|------------------|



| | | | |
|---------------------|--|---------------------|---------------------|
| 2 Cable Type | Cable Type | Jacket Color | Jacket Color |
| | 1x4x0.15 mm ² PUR (UL/CSA), C-tracks | green 791 | green 791 |

| | | |
|-----------------------|---------------------|--------------------|
| 3 Cable Length | Cable Length | Article No. |
| | 1.5 m | 0150 |
| | 3.0 m | 0300 |
| | 5.0 m | 0500 |
| | 7.5 m | 0750 |
| | 10.0 m | 1000 |

| | | |
|-----------------------|--------------------------|--|
| Technical Data | Operating voltage | max. 60 V DC |
| | Protection | IP67 (M8) - IP20 (RJ45) |
| | Temperature range | -25...+85 °C, depending on cable quality |
| | Article No. | |

| | | | |
|--------------------|--|--------------|----------|
| Article No. | The composition of your article number is explained on page 3.1.i | | |
| | 7 | 0 0 0 | 0 |

| | | |
|---------------|---------------------|-----------------------|
| 1 Form | 2 Cable Type | 3 Cable Length |
|---------------|---------------------|-----------------------|

Notes

Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.
Connection accessories and general accessories can be found at the end of chapter 3.6.

Industrial Ethernet

– with open ended wires M8

– EtherCAT Power

EtherCAT

Approvals: 

* only for products with UL/CSA approved cable

Female
straight



Female
90°



1 Form

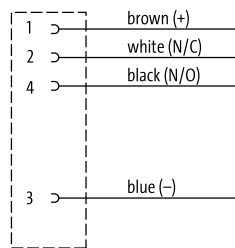
08871

08881

Type
Circuit diagram

4-pole

4-pole



Contact layout

Female



2 Cable Type

Jacket Color

Jacket Color

Wire diameter 0.34 mm²
PUR (UL/CSA), robots/C-tracks

black
634

black
634

3 Cable Length

| | |
|--------|-------------|
| 1.5 m | 0150 |
| 3.0 m | 0300 |
| 5.0 m | 0500 |
| 7.5 m | 0750 |
| 10.0 m | 1000 |

Technical Data

| | |
|-------------------|--|
| Operating voltage | max. 50 V AC/60 V DC |
| Protection | IP65 and IP67 when plugged and screwed down (EN 60529) |
| Temperature range | -25...+85 °C, depending on cable quality |

Article No.

The composition of your article number is explained on page 3.1.i

7 0 0 0

7 0 0 5

M8 Lite (plastic hexagonal screw) on request

1

Form

2

Cable Type

3

Cable Length

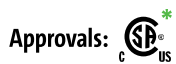
Notes

Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.

Industrial Ethernet

– Connection cables M8 - M8

– EtherCAT Power



* only for products with UL/CSA approved cable

Male
straight

Female
straight

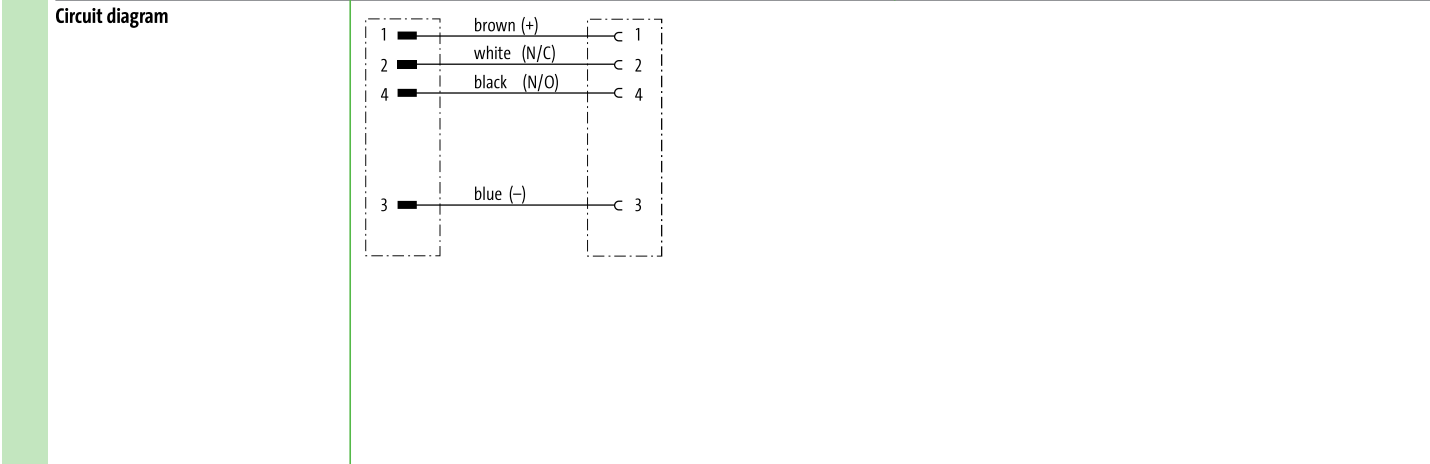
Male
90°

Female
90° *stay connected*



| | | |
|---------------|--------------|--------------|
| 1 Form | 89401 | 89431 |
|---------------|--------------|--------------|

| | | |
|------|--------|--------|
| Type | 4-pole | 4-pole |
|------|--------|--------|



| | | |
|---------------------|---------------------|---------------------|
| 2 Cable Type | Jacket Color | Jacket Color |
|---------------------|---------------------|---------------------|

| | | |
|---|--------------|--------------|
| Wire diameter 0.34 mm ² PUR (UL/CSA), robots/C-tracks | black 634 | black 634 |
|---|--------------|--------------|

| | |
|-----------------------|--|
| 3 Cable Length | |
|-----------------------|--|

| | |
|--------|-------------|
| 1.5 m | 0150 |
| 3.0 m | 0300 |
| 5.0 m | 0500 |
| 7.5 m | 0750 |
| 10.0 m | 1000 |

| | |
|-----------------------|--|
| Technical Data | |
|-----------------------|--|

| | |
|-------------------|--|
| Operating voltage | max. 50 V AC/60 V DC |
| Protection | IP65 and IP67 when plugged and screwed down (EN 60529) |
| Temperature range | -25...+85 °C, depending on cable quality |

| | |
|--------------------|--|
| Article No. | |
|--------------------|--|

| | |
|---|---|
| The composition of your article number is explained on page 3.1.i | 7 0 0 0 - - - - - |
| | 7 0 0 5 M8 Lite (plastic hexagonal screw) on request |

| | | |
|---------------|---------------------|-----------------------|
| 1 Form | 2 Cable Type | 3 Cable Length |
|---------------|---------------------|-----------------------|

| | |
|--------------|--|
| Notes | |
|--------------|--|

Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.
Connection accessories and general accessories can be found at the end of chapter 3.6.

Industrial Ethernet

– with open ended wires M12

– Hybrid cable



* only for products with UL/CSA approved cable

Male

straight



Female

straight



| | | | | | | | | | | |
|---|--|-----------------------------|-----------------------|-----|-----|---|-------|-------|-----|-----|
| 1 Form | 15501 | 15551 | | | | | | | | |
| Type | 8-pole, shielded Y-coded | 8-pole, shielded Y-coded | | | | | | | | |
| Circuit diagram | | | | | | | | | | |
| Contact layout | <p>Male</p> | <p>Female</p> | | | | | | | | |
| 2 Cable Type | Jacket Color | Jacket Color | | | | | | | | |
| 4×0.5 + 1×4×0.14 mm ² PUR (UL/CSA), robots/C-tracks | <table border="1"> <tr> <td>black</td> <td>green</td> </tr> <tr> <td>805</td> <td>831</td> </tr> </table> | black | green | 805 | 831 | <table border="1"> <tr> <td>black</td> <td>green</td> </tr> <tr> <td>805</td> <td>831</td> </tr> </table> | black | green | 805 | 831 |
| black | green | | | | | | | | | |
| 805 | 831 | | | | | | | | | |
| black | green | | | | | | | | | |
| 805 | 831 | | | | | | | | | |
| 3 Cable Length | | | | | | | | | | |
| 1.5 m | 0150 | | | | | | | | | |
| 3.0 m | 0300 | | | | | | | | | |
| 5.0 m | 0500 | | | | | | | | | |
| 7.5 m | 0750 | | | | | | | | | |
| 10.0 m | 1000 | | | | | | | | | |
| Technical Data | | | | | | | | | | |
| Operating voltage | max. 50 V AC/DC | | | | | | | | | |
| Protection | IP65 and IP67 when plugged and screwed down (EN 60529) | | | | | | | | | |
| Temperature range | -25...+85 °C, depending on cable quality | | | | | | | | | |
| Article No. | | | | | | | | | | |
| The composition of your article number is explained on page 3.1.i | <table border="1"> <tr> <td>7</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table> | | 7 | 0 | 0 | 0 | - | - | - | - |
| 7 | 0 | 0 | 0 | - | - | - | - | | | |
| | 1 Form | 2 Cable Type | 3 Cable Length | | | | | | | |
| Notes | Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6. | | | | | | | | | |

Industrial Ethernet

– with open ended wires M12

– Hybrid cable



* only for products with UL/CSA approved cable

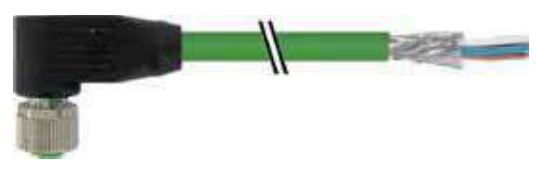
Male

90°



Female

90°



1 Form

15521

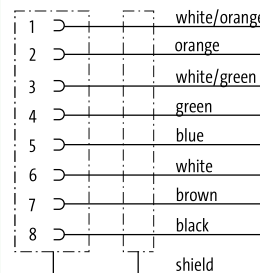
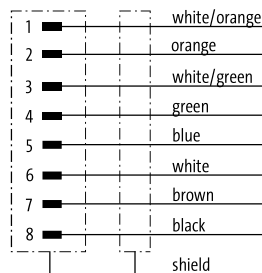
15571

Type

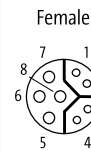
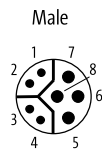
8-pole, shielded

8-pole, shielded

Circuit diagram



Contact layout



2 Cable Type

Jacket Color

Jacket Color

4×0.5 + 1×4×0.14 mm²
PUR (UL/CSA), robots/C-tracks

| | |
|-------|-------|
| black | green |
| 805 | 831 |

| | |
|-------|-------|
| black | green |
| 805 | 831 |

3 Cable Length

| | |
|--------|------|
| 1.5 m | 0150 |
| 3.0 m | 0300 |
| 5.0 m | 0500 |
| 7.5 m | 0750 |
| 10.0 m | 1000 |

Technical Data

| | |
|-------------------|--|
| Operating voltage | max. 50 V AC/DC |
| Protection | IP65 and IP67 when plugged and screwed down (EN 60529) |
| Temperature range | -25...+85 °C, depending on cable quality |

Article No.

The composition of your article number is explained on page 3.1.i

7 0 0 0 - - - - -

1 Form

2 Cable Type

3 Cable Length

Notes

Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.

Industrial Ethernet

– with open ended wires M12

– Gigabit Ethernet CAT6A

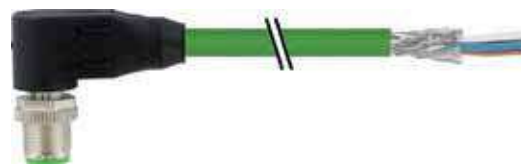
Male

straight



Male

90°



* only for products with UL/CSA approved cable

| | | |
|---|--|-----------------------------|
| 1 Form | 210 01 | 210 21 |
| Approvals | cULus * | |
| Type | 8-pole, shielded X-coded | 8-pole, shielded X-coded |
| Circuit diagram | | |
| Contact layout | <p>Male</p> | |
| 2 Cable Type | Jacket Color | Jacket Color |
| 4x2x0.14 mm ² PUR (UL/CSA) | green 790 | green 790 |
| 3 Cable Length | | |
| 1.5 m | 0150 | |
| 3.0 m | 0300 | |
| 5.0 m | 0500 | |
| 7.5 m | 0750 | |
| 10.0 m | 1000 | |
| Technical Data | | |
| Operating voltage | max. 50 V AC/60 V DC | |
| Protection | IP65 and IP67 when plugged and screwed down (EN 60529) | |
| Temperature range | -25...+85 °C, depending on cable quality | |
| Article No. | | |
| The composition of your article number is explained on page 3.1.i | <p>7 0 0 0 - - - - - - - - - -</p> | |
| | 1 Form | 2 Cable Type |
| | | 3 Cable Length |
| Notes | <p>Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.</p> | |

Industrial Ethernet

– Connection cables M12 - M12

EtherNet/IP EtherCAT

PROFI
NET

Approvals:  

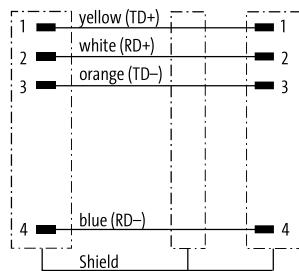
* only for products with UL/CSA approved cable



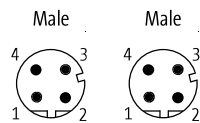
1 Form

| | | |
|-------------|-----------------------------|-----------------------------|
| Form | 4 4 5 1 1 | 4 4 5 6 1 |
| Type | 4-pole, shielded D-coded | 4-pole, shielded D-coded |

Circuit diagram



Contact layout



2 Cable Type

| Cable Type | Jacket Color | | | Jacket Color | | |
|-------------------------------|--------------|-------|-----|--------------|-------|-----|
| 1×4×0.34 mm ² | green | black | red | green | black | red |
| PVC (UL/CSA), C-tracks | 800 | | | 800 | | |
| PUR (UL/CSA), Torsion | 793 | | | 793 | | |
| 2×2×0.34 mm ² | | | | | | |
| PUR (UL/CSA) | 794 | | | 794 | | |
| PUR (UL/CSA), robots/C-tracks | 796 | 851 | 792 | 796 | 851 | 792 |
| PUR (UL/CSA), C-tracks, 600 V | 659 | | | 659 | | |

3 Cable Length

| | |
|--------|------|
| 1.5 m | 0150 |
| 3.0 m | 0300 |
| 5.0 m | 0500 |
| 7.5 m | 0750 |
| 10.0 m | 1000 |

Technical Data

| | |
|-------------------|---|
| Operating voltage | max. 60 V DC |
| Protection | IP65, IP66K, IP67 inserted and tightened (EN 60529) |
| Temperature range | -25...+85 °C, depending on cable quality |

Article No.

The composition of your article number is explained on page 3.1.i

7 0 0 0 - - - - -

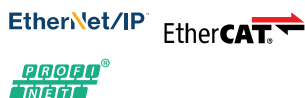
1 Form **2** Cable Type **3** Cable Length

Notes

Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.

Industrial Ethernet

– Connection cables M12 - RJ45



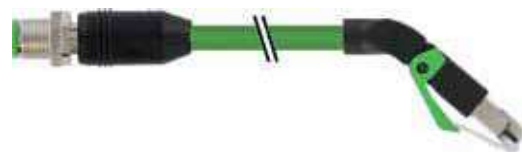
* only for products with UL/CSA approved cable

Male straight



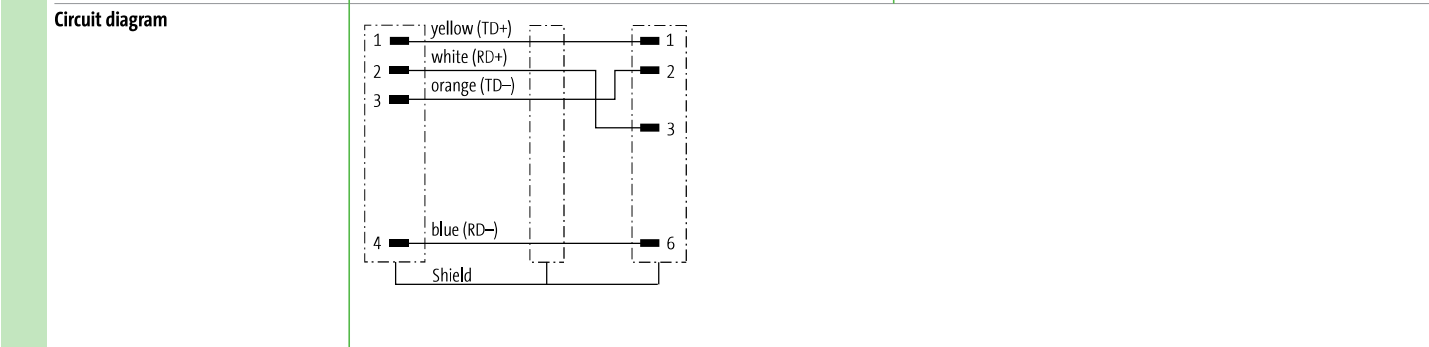
Male straight

Male straight



stay connected
Male 45° on bottom

| | | |
|---------------|-----------------------------|-----------------------------|
| 1 Form | 4 4 7 1 1 | 4 4 7 3 1 |
| Type | 4-pole, shielded D-coded | 4-pole, shielded D-coded |



| 2 Cable Type | Jacket Color | | | Jacket Color | | |
|--|--------------|-------|-----|--------------|-------|-----|
| | green | black | red | green | black | red |
| 1×4×0.34 mm ² PVC (UL/CSA), C-tracks | 800 | | | 800 | | |
| PUR (UL/CSA), Torsion | 793 | | | 793 | | |
| 2×2×0.34 mm ² PUR (UL/CSA) | 794 | | | 794 | | |
| PUR (UL/CSA), robots/C-tracks | 796 | 851 | 792 | 796 | 851 | 792 |
| PUR (UL/CSA), C-tracks, 600 V | 659 | | | 659 | | |

| 3 Cable Length | |
|----------------|------|
| 1.5 m | 0150 |
| 3.0 m | 0300 |
| 5.0 m | 0500 |
| 7.5 m | 0750 |
| 10.0 m | 1000 |

| Technical Data | |
|-------------------|--|
| Operating voltage | max. 60 V DC |
| Protection | IP67 (M12) - IP20 (RJ45) |
| Temperature range | -25...+85 °C, depending on cable quality |

Article No.

| | |
|---|--------------------------|
| The composition of your article number is explained on page 3.1.i | 7 0 0 0 - - - - - |
|---|--------------------------|

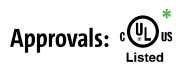
| | | | |
|--|---------------|---------------------|-----------------------|
| | 1 Form | 2 Cable Type | 3 Cable Length |
|--|---------------|---------------------|-----------------------|

Notes
Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.
Connection accessories and general accessories can be found at the end of chapter 3.6.

Industrial Ethernet

– Connection cables M12 - M12

– Hybrid cable

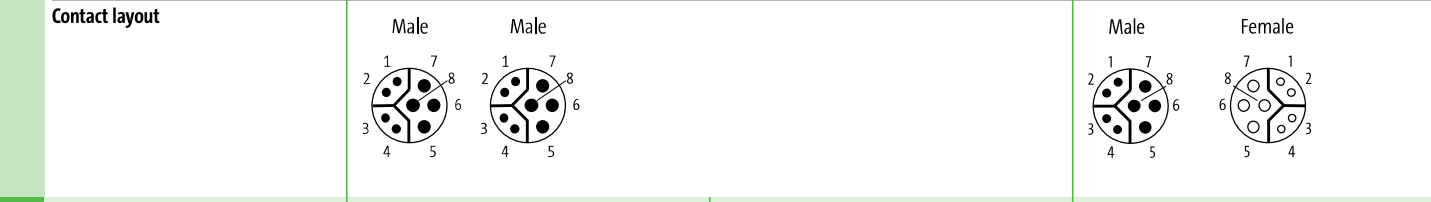
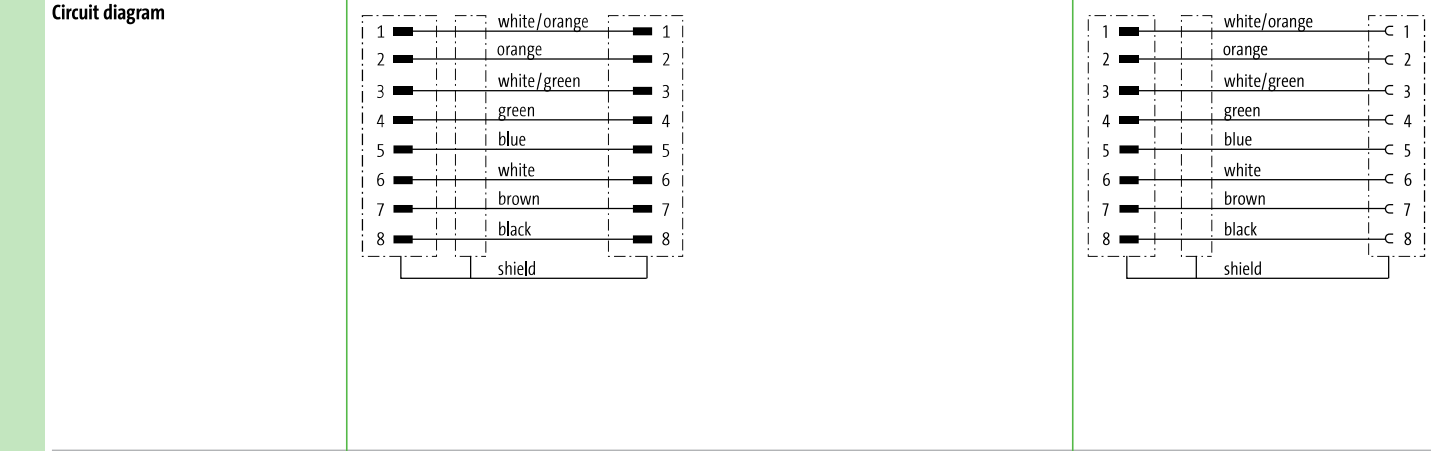


* only for products with UL/CSA approved cable



| 1 Form | 47001 | 47021 | 47051 |
|--------|-------|-------|-------|
|--------|-------|-------|-------|

| | | | |
|------|-----------------------------|-----------------------------|-----------------------------|
| Type | 8-pole, shielded Y-coded | 8-pole, shielded Y-coded | 8-pole, shielded Y-coded |
|------|-----------------------------|-----------------------------|-----------------------------|



| 2 Cable Type | Jacket Color | Jacket Color | Jacket Color |
|---|---------------------|---------------------|--------------|
| 4x0.5 + 1x4x0.14 mm ² PUR (UL/CSA), robots/C-tracks | black 805 green 831 | black 805 green 831 | green 831 |

| 3 Cable Length | 1.5 m 0150 | 3.0 m 0300 | 5.0 m 0500 | 7.5 m 0750 | 10.0 m 1000 |
|----------------|------------|------------|------------|------------|-------------|
|----------------|------------|------------|------------|------------|-------------|

| Technical Data | Operating voltage: max. 50 V AC/DC |
|--|------------------------------------|
| Protection: IP65 and IP67 when plugged and screwed down (EN 60529) | |
| Temperature range: -25...+85 °C, depending on cable quality | |

| Article No. | The composition of your article number is explained on page 3.1.i | 7 0 0 0 - - - - - |
|-------------|---|-------------------|
|-------------|---|-------------------|

| | | |
|--------|--------------|----------------|
| 1 Form | 2 Cable Type | 3 Cable Length |
|--------|--------------|----------------|

Notes
Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.

Industrial Ethernet

– Connection cables M12 - M12

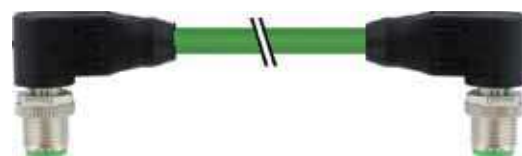
– Gigabit Ethernet CAT6A

Male
straight

Male
straight

Male
90°

stay connected
Male
90°



* only for products with UL/CSA approved cable

| | | |
|---|--|-----------------------------|
| 1 Form | 51001 | 51021 |
| Approvals | cULus * | |
| Type | 8-pole, shielded X-coded | 8-pole, shielded X-coded |
| Circuit diagram | | |
| Contact layout | | |
| 2 Cable Type | Jacket Color | Jacket Color |
| 4x2x0.14 mm ² PUR (UL/CSA) | green 790 | green 790 |
| 3 Cable Length | | |
| 1.5 m | 0150 | |
| 3.0 m | 0300 | |
| 5.0 m | 0500 | |
| 7.5 m | 0750 | |
| 10.0 m | 1000 | |
| Technical Data | | |
| Operating voltage | max. 50 V AC/60 V DC | |
| Protection | IP65 and IP67 when plugged and screwed down (EN 60529) | |
| Temperature range | -25...+85 °C, depending on cable quality | |
| Article No. | | |
| The composition of your article number is explained on page 3.1.i | <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around;"> 7 0 0 0 - - - </div> | |
| | 1 Form | 2 Cable Type |
| | | 3 Cable Length |
| Notes | Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6. | |

Industrial Ethernet

– Connection cables M12 - RJ45

– Gigabit Ethernet CAT6A

Male
straight

Male
straight

Male
straight

Flange female
straight



1 Form

51101

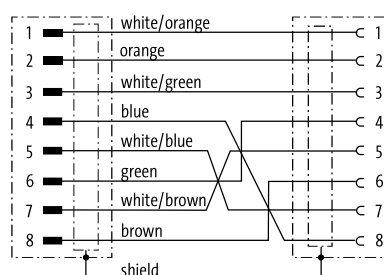
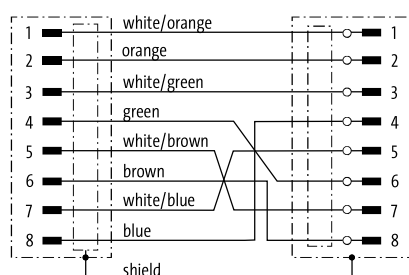
51551

Type

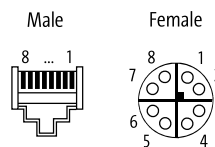
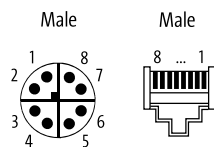
8-pole, shielded

8-pole, shielded

Circuit diagram



Contact layout



2 Cable Type

Jacket Color

Jacket Color

4×2×0.14 mm²

green

green

PUR (UL/CSA)

790

790

3 Cable Length

| | |
|--------|-------------|
| 1.5 m | 0150 |
| 3.0 m | 0300 |
| 5.0 m | 0500 |
| 7.5 m | 0750 |
| 10.0 m | 1000 |

Technical Data

| | |
|-------------------|--|
| Operating voltage | max. 60 V DC |
| Protection | IP67 (M12) - IP20 (RJ45) |
| Temperature range | -25...+85 °C, depending on cable quality |

Article No.

The composition of your article number is explained on page 3.1.i

7 0 0 0 - - - - -

1 Form

2 Cable Type

3 Cable Length

Notes

Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.

Industrial Ethernet

– with open ended wires RJ45

EtherNet/IP EtherCAT



* only for products with UL/CSA approved cable

Male

straight



Male

45° on top



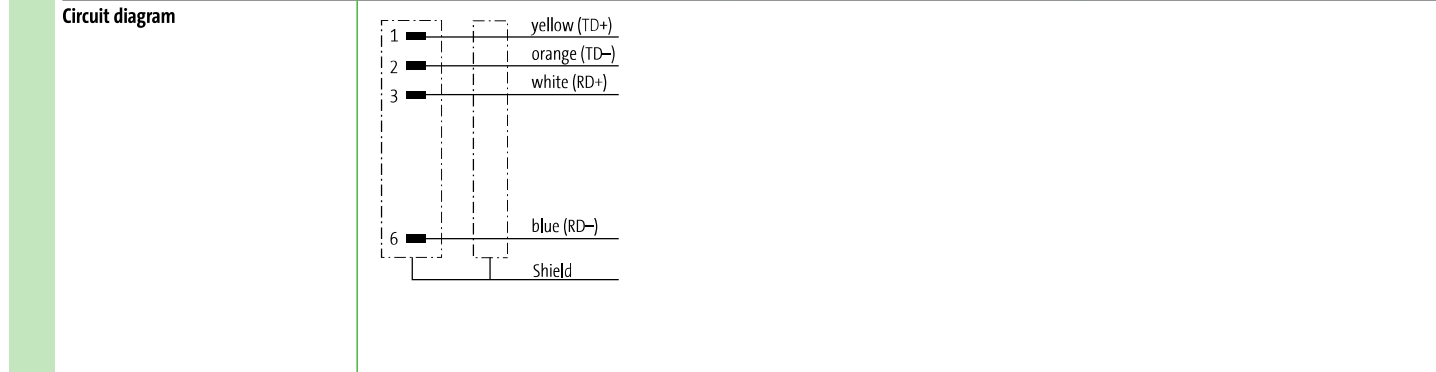
Male

45° on bottom



| | | | |
|---------------|--------------|--------------|--------------|
| 1 Form | 74101 | 74121 | 74141 |
|---------------|--------------|--------------|--------------|

| | | | |
|------|------------------|------------------|------------------|
| Type | 4-pole, shielded | 4-pole, shielded | 4-pole, shielded |
|------|------------------|------------------|------------------|



| | | | |
|---------------------|---------------------|---------------------|---------------------|
| 2 Cable Type | Jacket Color | Jacket Color | Jacket Color |
|---------------------|---------------------|---------------------|---------------------|

| | | | | | | | | | |
|-------------------------------|-------|-------|-----|-------|-------|-----|-------|-------|-----|
| 1×4×0.34 mm ² | green | black | red | green | black | red | green | black | red |
| PVC (UL/CSA), C-tracks | 800 | | | 800 | | | 800 | | |
| PUR (UL/CSA), Torsion | 793 | | | 793 | | | 793 | | |
| 2×2×0.34 mm ² | | | | | | | | | |
| PUR (UL/CSA) | 794 | | | 794 | | | 794 | | |
| PUR (UL/CSA), robots/C-tracks | 796 | 851 | 792 | 796 | 851 | 792 | 796 | 851 | 792 |
| PUR (UL/CSA), C-tracks, 600 V | 659 | | | 659 | | | 659 | | |

| | |
|-----------------------|--|
| 3 Cable Length | |
|-----------------------|--|

| | |
|--------|------|
| 1.5 m | 0150 |
| 3.0 m | 0300 |
| 5.0 m | 0500 |
| 7.5 m | 0750 |
| 10.0 m | 1000 |

| | |
|-----------------------|--|
| Technical Data | |
|-----------------------|--|

| | |
|-------------------|--|
| Operating voltage | max. 60 V DC |
| Protection | IP20 inserted and tightened (EN 60529) |
| Temperature range | -25...+85 °C, depending on cable quality |

| | |
|--------------------|--|
| Article No. | |
|--------------------|--|

| | |
|---|-------------------|
| The composition of your article number is explained on page 3.1.i | 7 0 0 0 - - - - - |
|---|-------------------|

| | | |
|---------------|---------------------|-----------------------|
| 1 Form | 2 Cable Type | 3 Cable Length |
|---------------|---------------------|-----------------------|

| | |
|--------------|--|
| Notes | |
|--------------|--|


Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.

Industrial Ethernet

– with open ended wires RJ45

EtherNet/IP EtherCAT

PROFI
NET

Approvals: 
Listed

* only for products with UL/CSA approved cable

Male
45° left



Male
45° right

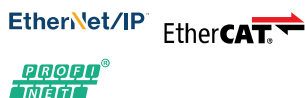


| | | | |
|-------------------------------|--|--|---------------------------|
| 1 Form | Form | 74161 | 74181 |
| | Type | 4-pole, shielded | 4-pole, shielded |
| 2 Cable Type | Circuit diagram |  | |
| | Contact layout |  | |
| 3 Cable Length | Cable Type | Jacket Color | Jacket Color |
| | 1x4x0.34 mm ² | green black red | green black red |
| | PVC (UL/CSA), C-tracks | 800 | 800 |
| | PUR (UL/CSA), Torsion | 793 | 793 |
| | 2x2x0.34 mm ² | | |
| | PUR (UL/CSA) | 794 | 794 |
| | PUR (UL/CSA), robots/C-tracks | 796 851 792 | 796 851 792 |
| PUR (UL/CSA), C-tracks, 600 V | 659 | 659 | |
| Technical Data | Operating voltage | max. 60 V DC | |
| | Protection | IP20 inserted and tightened (EN 60529) | |
| | Temperature range | -25...+85 °C, depending on cable quality | |
| | Article No. | <div style="display: flex; justify-content: space-between; align-items: center;"> <u>7</u> <u>0</u> <u>0</u> <u>0</u> - - - - - - - - - - - - - - - - </div> | |
| | The composition of your article number is explained on page 3.1.i | | |
| | | 1 Form | 2 Cable Type |
| Notes | Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6. | | |

Fieldbus Connectors

Industrial Ethernet

– Connection cables RJ45 - RJ45



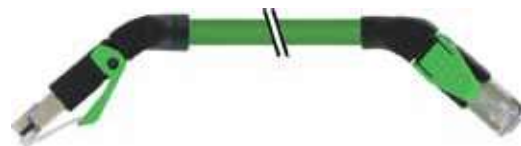
* only for products with UL/CSA approved cable

Male straight



Male straight

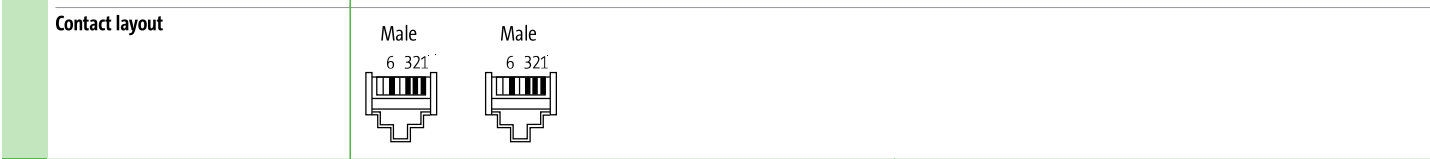
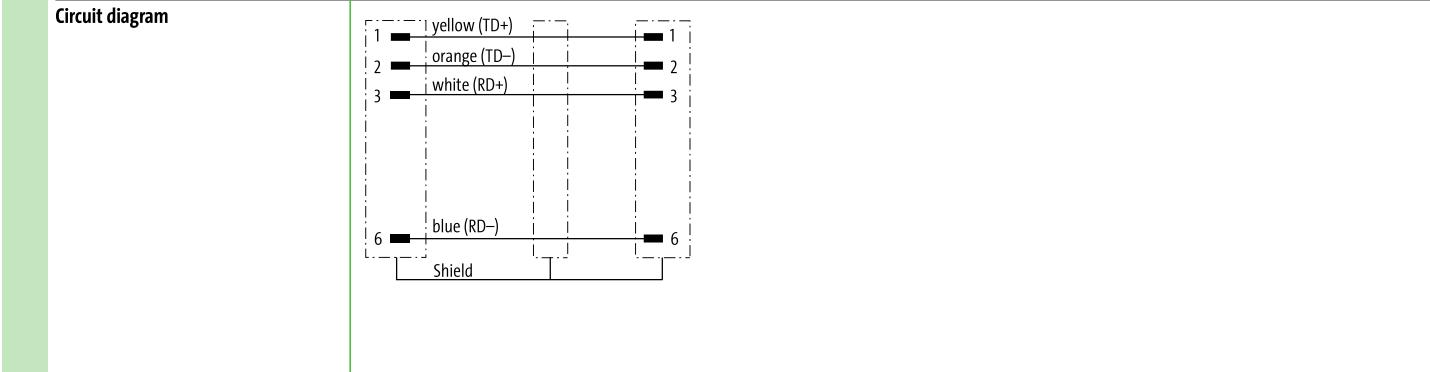
Male 45° on bottom



stay connected
Male 45° right

| | | |
|---------------|--------------|--------------|
| 1 Form | 74301 | 74521 |
|---------------|--------------|--------------|

| | | |
|------|------------------|------------------|
| Type | 4-pole, shielded | 4-pole, shielded |
|------|------------------|------------------|



| 2 Cable Type | Jacket Color | | | Jacket Color | | |
|-------------------------------|--------------|-------|-----|--------------|-------|-----|
| 1×4×0.34 mm ² | green | black | red | green | black | red |
| PVC (UL/CSA), C-tracks | 800 | | | 800 | | |
| PUR (UL/CSA), Torsion | 793 | | | 793 | | |
| 2×2×0.34 mm ² | | | | | | |
| PUR (UL/CSA) | 794 | | | 794 | | |
| PUR (UL/CSA), robots/C-tracks | 796 | 851 | 792 | 796 | 851 | 792 |
| PUR (UL/CSA), C-tracks, 600 V | 659 | | | 659 | | |

| 3 Cable Length | |
|----------------|------|
| 1.5 m | 0150 |
| 3.0 m | 0300 |
| 5.0 m | 0500 |
| 7.5 m | 0750 |
| 10.0 m | 1000 |

| Technical Data | |
|-------------------|--|
| Operating voltage | max. 60 V DC |
| Protection | IP20 inserted and tightened (EN 60529) |
| Temperature range | -25...+85 °C, depending on cable quality |

Article No.

| | |
|---|------------------------------------|
| The composition of your article number is explained on page 3.1.i | 7 0 0 0 - - - - - - - - - - |
|---|------------------------------------|

| | | | |
|--|---------------|---------------------|-----------------------|
| | 1 Form | 2 Cable Type | 3 Cable Length |
|--|---------------|---------------------|-----------------------|

Notes
Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.

Industrial Ethernet

– Connection cables RJ45 - RJ45

– Gigabit Ethernet CAT6A

Male
straight

Male
straight

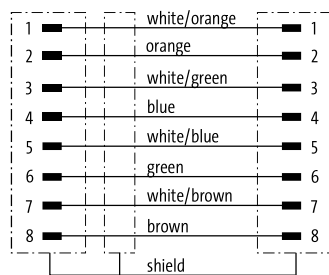


1 Form

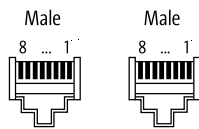
74311

Type **8-pole, shielded**

Circuit diagram



Contact layout



2 Cable Type

Jacket Color

4x2x0.14 mm²

green

PUR (UL/CSA)

790

3 Cable Length

1.5 m

0150

3.0 m

0300

5.0 m

0500

7.5 m

0750

10.0 m

1000

Technical Data

Operating voltage

max. 60 V DC

Protection

IP20 inserted and tightened (EN 60529)

Temperature range

-25...+85 °C, depending on cable quality

Article No.

The composition of your article number is explained on page 3.1.i

7 0 0 0

-

7 4 3 1 1

-

1 Form

2 Cable Type

3 Cable Length

Notes

Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.

Cabinetline

– Connection cables RJ45 - RJ45

stay connected

Male straight

Male straight

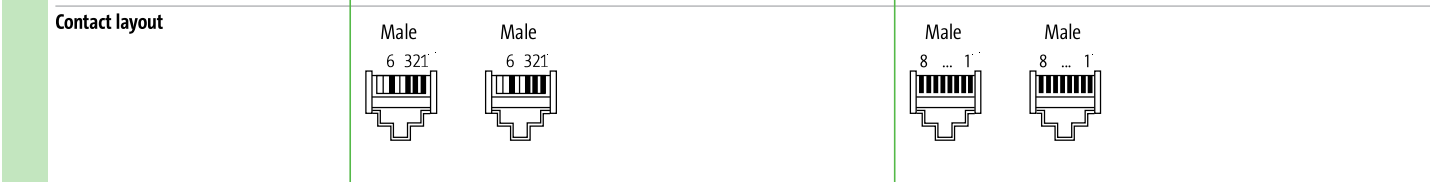
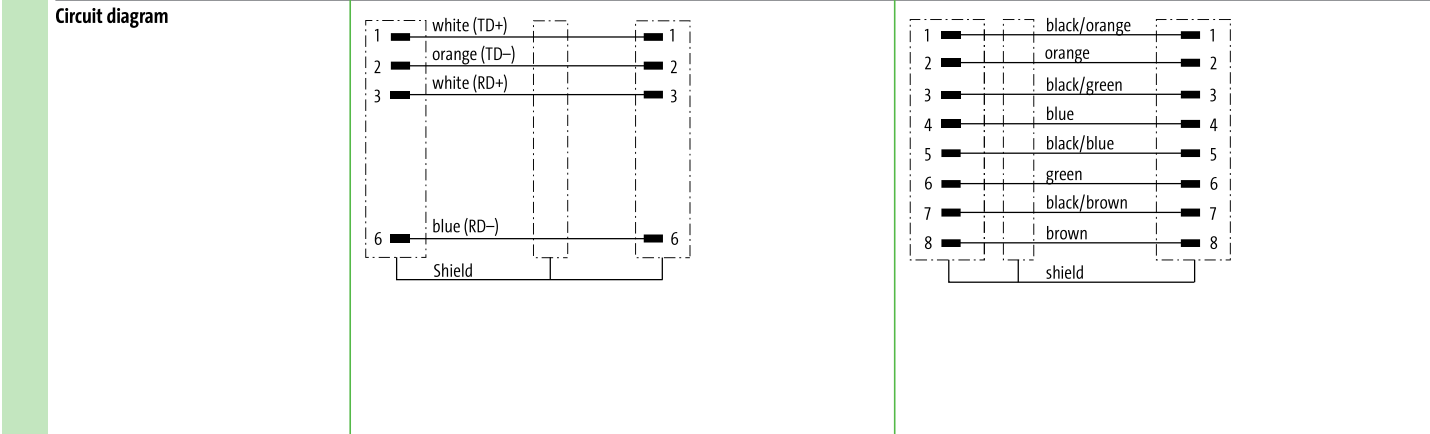
Male straight

Male straight



1 Form **74701** **74711**

Type **4-pole, shielded** **8-pole, shielded**



2 Cable Type **Jacket Color** **Jacket Color**

| | | | | |
|--------------------------|------|-------|-------|-----|
| 4×2×0.14 mm ² | gray | green | black | red |
| FRNC | | 478 | 380 | 578 |
| 2×2×0.14 mm ² | | | | |
| FRNC, Ctracks | 777 | | | |

3 Cable Length

| | |
|--------|------|
| 1.5 m | 0150 |
| 3.0 m | 0300 |
| 5.0 m | 0500 |
| 7.5 m | 0750 |
| 10.0 m | 1000 |

Technical Data

| | |
|-------------------|--|
| Operating voltage | max. 60 V DC |
| Protection | IP20 inserted and tightened (EN 60529) |
| Temperature range | -25...+85 °C, depending on cable quality |

Article No.

The composition of your article number is explained on page 3.1.i

7 0 0 0 - - - - -

1 Form **2 Cable Type** **3 Cable Length**

Notes

Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.

Ethernet CAT5e

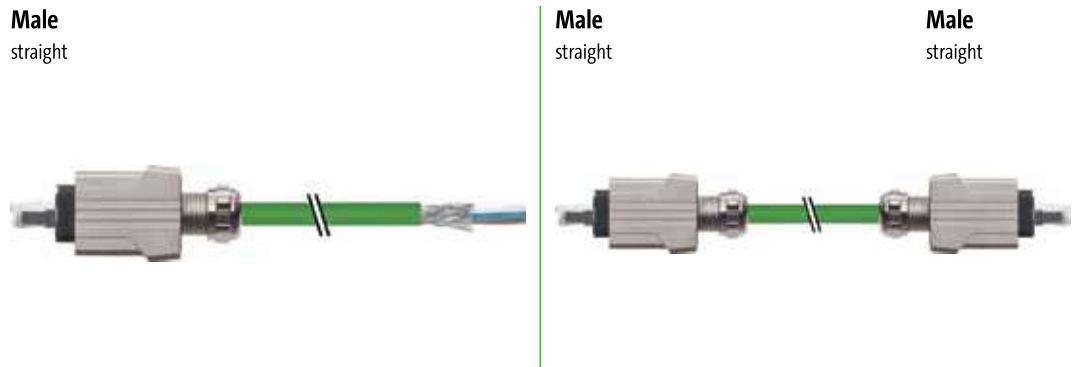
– Push Pull RJ45

– AIDA conform



Approvals: ^{*}
Listed

* only for products with UL/CSA approved cable



| | | |
|---|--|--|
| 1 Form | 74601 | 74641 |
| | 4-pole, shielded | 4-pole, shielded |
| Circuit diagram | | |
| Contact layout | | |
| 2 Cable Type | Jacket Color | Jacket Color |
| 2x2x0.34 mm ² | green | green |
| PUR (UL/CSA) | 794 | 794 |
| PUR (UL/CSA), robots/C-tracks | 796 | 796 |
| 3 Cable Length | | |
| 1.5 m | 0150 | |
| 3.0 m | 0300 | |
| 5.0 m | 0500 | |
| 7.5 m | 0750 | |
| 10.0 m | 1000 | |
| Technical Data | | |
| Operating voltage | max. 60 V DC | |
| Protection | IP65 and IP67 when plugged and screwed down (EN 60529) | |
| Temperature range | -25...+85 °C, depending on cable quality | |
| Article No. | | |
| The composition of your article number is explained on page 3.1.i | <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around;"> 7000 </div> | <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around;"> ———— </div> |
| | 1 Form | 2 Cable Type |
| | | 3 Cable Length |
| Notes | Other versions on request. Further cable lengths on request. Connection accessories and general accessories can be found at the end of chapter 3.6. | |

Push Pull Power

Male
straight



Male
straight

stay connected
Male
straight



1 Form **99621** **99641**

Type 5-pole 5-pole

Circuit diagram

| | | | |
|---|-------------------|---|-------------------|
| 1 | black (1) | 1 | black (1) |
| 2 | blue (2) | 2 | blue (2) |
| 3 | brown (3) | 3 | brown (3) |
| 4 | white (4) | 4 | white (4) |
| 5 | green/yellow (PE) | 5 | green/yellow (PE) |

Contact layout

2 Cable Type **Jacket Color** **Jacket Color**

| | | |
|-----------------------------------|------|------|
| Wire diameter 2.5 mm ² | gray | gray |
| PUR (UL/CSA), robots/C-tracks | 962 | 962 |

3 Cable Length

| | |
|--------|------|
| 1.5 m | 0150 |
| 3.0 m | 0300 |
| 5.0 m | 0500 |
| 7.5 m | 0750 |
| 10.0 m | 1000 |

Technical Data

| | |
|-------------------|--|
| Operating voltage | max. 24 V AC/DC |
| Protection | IP65 and IP67 when plugged and screwed down (EN 60529) |
| Temperature range | -40...+85 °C, depending on cable quality |

Article No.

The composition of your article number is explained on page 3.1.i

7 0 0 0 - - - - - - - - - -

1 Form **2 Cable Type** **3 Cable Length**

Notes

Other versions on request. Further cable lengths on request.
Connection accessories and general accessories can be found at the end of chapter 3.6.

Cube67

– Connection cables M12 - M12

– Hybrid cable



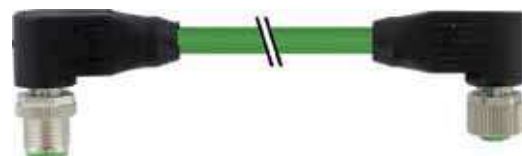
* only for products with UL/CSA approved cable

Male
straight

Female
straight

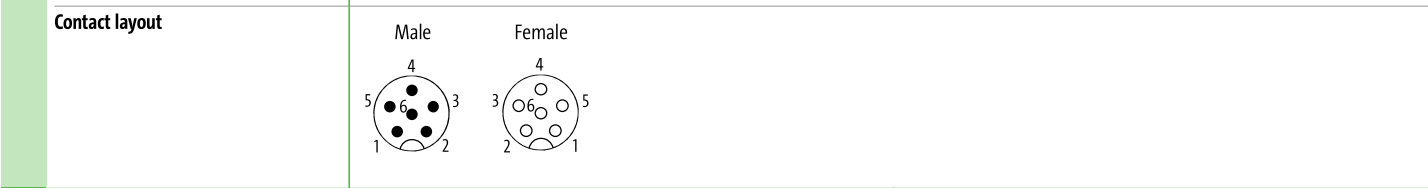
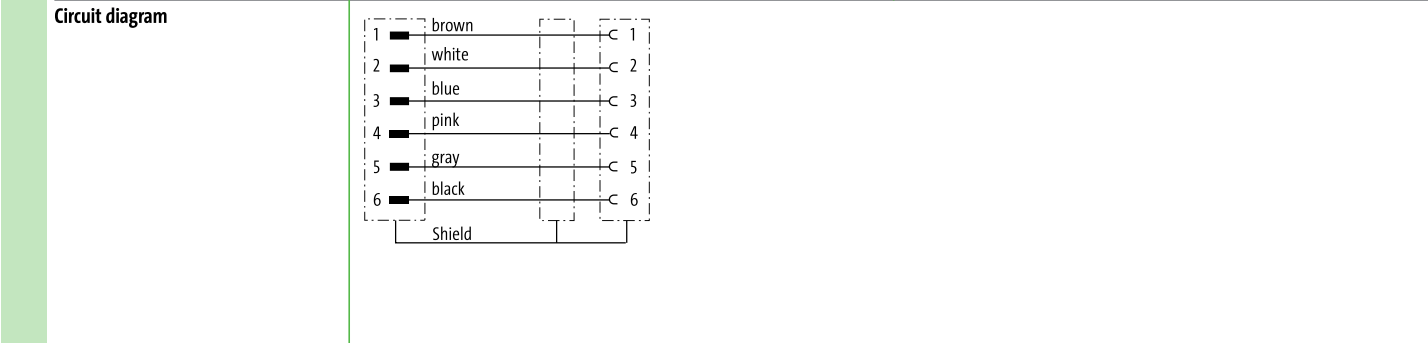
Male
90°

Female
90° *stay connected*



| | | |
|---------------|--------------|--------------|
| 1 Form | 46041 | 46061 |
|---------------|--------------|--------------|

| | | |
|------|------------------|------------------|
| Type | 6-pole, shielded | 6-pole, shielded |
|------|------------------|------------------|



| | | |
|---------------------|---------------------|---------------------|
| 2 Cable Type | Jacket Color | Jacket Color |
|---------------------|---------------------|---------------------|

| | | |
|--------------------------------|-------|-------|
| 4x0.5 + 2x0.25 mm ² | green | green |
| PUR (UL/CSA), robots/C-tracks | 802 | 802 |

| | |
|----------------------------------|--------------------|
| Terminator M12 (male) | 7000-15041-0000000 |
| Control cabinet entry system M12 | 7000-46111-0000000 |
| T-coupler M12/M12, female/male | 7000-46101-0000000 |

| | |
|-----------------------|--|
| 3 Cable Length | |
|-----------------------|--|

| | |
|--------|------|
| 1.5 m | 0150 |
| 3.0 m | 0300 |
| 5.0 m | 0500 |
| 7.5 m | 0750 |
| 10.0 m | 1000 |

| | |
|-----------------------|--|
| Technical Data | |
|-----------------------|--|

| | |
|-------------------|--|
| Operating voltage | max. 30 V AC/DC |
| Protection | IP65 and IP67 when plugged and screwed down (EN 60529) |
| Temperature range | -25...+85 °C, depending on cable quality |

| | |
|--------------------|--|
| Article No. | |
|--------------------|--|

The composition of your article number is explained on page 3.1.i

7 0 0 0 - - - - -

| | | |
|---------------|---------------------|-----------------------|
| 1 Form | 2 Cable Type | 3 Cable Length |
|---------------|---------------------|-----------------------|

| | |
|--------------|--|
| Notes | |
|--------------|--|

Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6.

Fieldbus Connectors

AS-Interface

– Connection cables M12 - M12

– for MASI68



Approvals:

* only for products with UL/CSA approved cable

Male

straight

Female

straight



| 1 Form | 40005 | 40021 |
|---|---|-----------------------|
| Type | 2-pole | 4-pole |
| Circuit diagram | | |
| Contact layout | | |
| 2 Cable Type | Jacket Color | Jacket Color |
| Wire diameter 1.5 mm ² PUR (UL/CSA), robots/C-tracks | gray 588 | gray |
| Wire diameter 0.75 mm ² PUR (UL/CSA), robots/C-tracks | | 862 |
| 3 Cable Length | | |
| 1.5 m | 0150 | |
| 3.0 m | 0300 | |
| 5.0 m | 0500 | |
| 7.5 m | 0750 | |
| 10.0 m | 1000 | |
| Technical Data | | |
| Operating voltage | max. 250 V AC/DC | |
| Protection | IP67/IP68 inserted and tightened (EN 60529) | |
| Temperature range | -25...+85 °C, depending on cable quality | |
| Article No. | | |
| The composition of your article number is explained on page 3.1.i | <div style="display: flex; justify-content: space-around; align-items: center;"> 7 0 6 0 - - </div> | |
| | 1 Form | 2 Cable Type |
| | | 3 Cable Length |
| Notes | Other versions on request. Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps. Connection accessories and general accessories can be found at the end of chapter 3.6. | |

| Connection accessories | | | Art-No. |
|---|--|---|--------------------|
|  | T-coupler M12 – M12 Male straight - female/male straight straight, B-coded, 5-pole, shielded | PROFIBUS | 7000-44151-0000000 |
|  | T-coupler M12 – M12 Female straight - male/female straight straight, B-coded, 5-pole, shielded | PROFIBUS | 7000-44161-0000000 |
|  | T-coupler M12 – M12 Male straight - female straight straight, A-coded, 6-pole, shielded | Cube67 additional actuator power supply | 7000-46101-0000000 |
|  | T-coupler M12 – M12 Female straight - male/male straight straight, A-coded, 4-pole | MASI68 additional actuator power supply | 7060-42701-0000000 |
|  | Male M12, field-wireable, screw terminals straight, B-coded, 5-pole, shielded | PROFIBUS, Interbus Sealing range (cable Ø): 6...8 mm | 7000-14001-0000000 |
|  | Female M12, field-wireable, screw terminals straight, B-coded, 5-pole, shielded | PROFIBUS, Interbus Sealing range (cable Ø): 6...8 mm | 7000-14021-0000000 |
|  | Male M12, field-wireable, screw terminals 90°, B-coded, 5-pole, shielded | PROFIBUS, Interbus Sealing range (cable Ø): 6...8 mm | 7000-14011-0000000 |
| | 90°, D-coded, 4-pole, shielded | Ethernet CAT5 Sealing range (cable Ø): 6...8 mm | 7000-14581-0000000 |
|  | Female M12, field-wireable, screw terminals 90°, B-coded, 5-pole, shielded | PROFIBUS, Interbus Sealing range (cable Ø): 6...8 mm | 7000-14031-0000000 |
|  | Male M12, field-wireable, IDC terminals straight, B-coded, 3-pole, shielded | PROFIBUS Sealing range (cable Ø): 7...8.8 mm | 7000-14201-0000000 |
| | straight, D-coded, 4-pole, shielded | Ethernet CAT5 Sealing range (cable Ø): 4.5...8.8 mm | 7000-14521-0000000 |
|  | Female M12, field-wireable, IDC terminals straight, B-coded, 3-pole, shielded | PROFIBUS Sealing range (cable Ø): 7...8.8 mm | 7000-14221-0000000 |
| | straight, D-coded, 4-pole, shielded | Ethernet CAT5 Sealing range (cable Ø): 4.5...8.8 mm | 7000-14621-0000000 |

| Connection accessories | | | Art-No. |
|---|--|--|--------------------|
|  | Male M12, field-wireable, screw terminals straight, A-coded, 5-pole | DeviceNet, CANopen Sealing range (cable Ø): 6...8 mm | 7000-12761-0000000 |
|  | Female M12, field-wireable, screw terminals straight, A-coded, 5-pole | DeviceNet, CANopen Sealing range (cable Ø): 6...8 mm | 7000-12961-0000000 |
|  | Male M12, field-wireable, screw terminals 90°, A-coded, 5-pole | DeviceNet, CANopen Sealing range (cable Ø): 6...8 mm | 7000-12881-0000000 |
|  | Female M12, field-wireable, screw terminals 90°, A-coded, 5-pole | DeviceNet, CANopen Sealing range (cable Ø): 6...8 mm | 7000-13041-0000000 |
|  | Male RJ45, field-wireable, IDC terminals straight, IP20, 4-pole, shielded | Ethernet CAT5 Sealing range (cable Ø): 4.5...9 mm | 7000-74001-0000000 |
| | straight, IP20, 8-pole, shielded | Ethernet CAT6A Sealing range (cable Ø): 4.5...9 mm | 7000-74011-0000000 |
|  | straight, IP20, 8-pole, shielded | PROFINET Ethernet CAT5 Sealing range (cable Ø): 5...9 mm | 7000-74071-0000000 |
| | straight, IP20, 8-pole, shielded | Ethernet CAT5 Sealing range (cable Ø): 5...9 mm | 7000-74075-0000000 |
|  | Male RJ45, field-wireable, IDC terminals 45°, IP20, 4-pole, shielded | Ethernet CAT5e Sealing range (cable Ø): 4.5...8 mm | 7000-74021-0000000 |
| | 45°, IP20, 8-pole, shielded | Ethernet CAT6A Sealing range (cable Ø): 4.5...8 mm | 7000-74031-0000000 |
|  | Male RJ45, field-wireable, IDC terminals 90°, IP20, 8-pole, shielded on top | Ethernet CAT5 PROFINET Sealing range (cable Ø): 5...9 mm | 7000-74081-0000000 |
| | 90°, IP20, 8-pole, shielded on top | Ethernet CAT5 Sealing range (cable Ø): 5...9 mm | 7000-74085-0000000 |
|  | 90°, IP20, 8-pole, shielded on bottom | Ethernet CAT5 PROFINET Sealing range (cable Ø): 5...9 mm | 7000-74091-0000000 |
| | 90°, IP20, 8-pole, shielded on bottom | Ethernet CAT5 Sealing range (cable Ø): 5...9 mm | 7000-74095-0000000 |

| Connection accessories | | | Art-No. |
|---|--|---|--------------------|
|  | Adapter M12/RJ45 (female/female) straight, D-coded, 4-pole, shielded | Ethernet CAT5 | 7000-44671-0000000 |
|  | Adapter M12/RJ45 (female/female) 90°, D-coded, 4-pole, shielded | Ethernet CAT5 | 7000-44681-0000000 |
|  | Adapter M12/RJ45 (female/female) straight, X-coded, 8-pole, shielded | Ethernet CAT6A | 7000-51531-0000000 |
|  | Adapter M12/RJ45 (female/female) 90°, X-coded, 8-pole, shielded | Ethernet CAT6A | 7000-51541-0000000 |
|  | Terminator M12 (male) straight, A-coded, 5-pole | DeviceNet, CANopen | 7000-13461-0000000 |
| | straight, B-coded, 4-pole | PROFIBUS | 7000-14041-0000000 |
| | straight, A-coded, 6-pole | Cube67 | 7000-15041-0000000 |
|  | Terminator 7/8" (male) straight, screw fixing, 5-pole | DeviceNet, CANopen | 7000-78301-0000000 |
|  | Male M12, field-wireable, IDC terminals straight, X-coded, 8-pole, shielded | Ethernet CAT6A Sealing range (cable Ø): 5.5...9 mm | 7000-21101-0000000 |
|  | M12 Flange female straight straight, X-coded, 8-pole, shielded Front mounting | Ethernet CAT6A | 7000-21151-0000000 |
| | straight, X-coded, 8-pole, shielded Rear mounting | Ethernet CAT6A | 7000-21161-0000000 |
|  | M12 Flange female straight straight, Y-coded, 8-pole, shielded Front mounting | Ethernet CAT5 | 7000-15701-0000000 |

Connection accessories

Art-No.



M12 Flange female 90°

90°, Y-coded, 8-pole, shielded
Front mounting

Ethernet CAT5

7000-15711-000000



Control cabinet entry system M12

straight, A-coded, 5-pole, shielded
straight, B-coded, 5-pole, shielded
straight, A-coded, 6-pole, shielded

DeviceNet, CANopen

7000-42111-000000

PROFIBUS, Interbus

7000-44111-000000

Cube67

7000-46111-000000



Control cabinet entry system M12

straight, D-coded, 4-pole, shielded (female/female)

Ethernet CAT5

7000-44611-000000



Flange M12 male, pre-wired 0.2 m

straight, B-coded, 5-pole
straight, A-coded, 5-pole

PROFIBUS, Interbus

7000-14121-9750020

DeviceNet, CANopen

7000-13521-9720020



Flange M12 female, pre-wired 0.2 m

straight, B-coded, 5-pole
straight, A-coded, 5-pole

PROFIBUS, Interbus

7000-14161-9750020

DeviceNet, CANopen

7000-13561-9720020



Flange M12 female, CAT 5, pre-wired 0.2 m

straight, D-coded, 4-pole, shielded

Ethernet CAT5

7000-14501-9760020



Push Pull Power connector, spring clamp terminals

straight, IP65/67, 5-pole

Sealing range (cable Ø): 9...13 mm

7000-99601-000000



Push Pull RJ45 data connector, IDC terminals

straight, IP65/67, 8-pole

Ethernet CAT5

7000-99591-000000

Sealing range (cable Ø): 5.5...10 mm



Push Pull RJ45 data connector, IDC terminals

straight, IP65/67, 4-pole

PROFINET IO

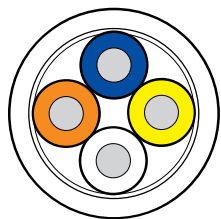
7000-74041-000000

Sealing range (cable Ø): 4...11 mm

| Connection accessories | | | Art-No. |
|---|--|--|---------------------------|
|  | Push Pull RJ45 data connector, IDC terminals 45°, IP65/67, 4-pole | PROFINET IO Sealing range (cable Ø): 6.5...9.5 mm | 7000-74061-0000000 |
|  | Push Pull SCRJ POF male, field-wireable straight, IP65/67, for POF 1 mm | PROFINET IO Sealing range (cable Ø): 6.5...9.5 mm | 7000-99701-0000000 |
|  | Push Pull SCRJ POF male, field-wireable straight, IP65/67, for POF 1 mm Connection Crimp | PROFINET IO Sealing range (cable Ø): 6.5...9.5 mm | 7000-99691-0000000 |
|  | Push Pull SCRJ POF male, field-wireable straight Connection Crimp | | 7000-99695-0000000 |
|  | Protective cover Push Pull Power | | 7000-99661-0000000 |
|  | Protective cover Push Pull RJ45 | | 7000-99671-0000000 |
|  | Cable drum (100 m) 1 × 2 × 0.64 mm ² , violet suitable for C-tracks | PROFIBUS | 7000-C0201-8400000 |
|  | Cable drum (100 m) 2 × 0.25 + 2 × 0.34 mm ² , violet suitable for C-tracks | DeviceNet, CANopen | 7000-C0201-8030000 |
| | | | |

Connection accessories

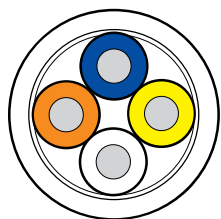
Art-No.



Cable drum (100 m)
 2 × 2 × 0.34 mm², green
 suitable for C-tracks

Ethernet CAT5, PROFINET IO, EtherCAT

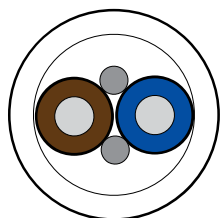
7000-C0201-7960000



Cable drum (100 m)
 2 × 2 × 0.34 mm², violet
 suitable for C-tracks

Ethernet CAT5, PROFINET IO, EtherCAT

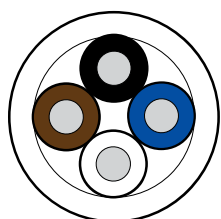
7000-C0201-7980000



Cable drum (100 m)
 2 × 1.5 mm², gray
 suitable for C-tracks

AS-Interface, MASI68

7000-C0201-5880000



Cable drum (100 m)
 4 × 0.75 mm², gray
 suitable for C-tracks

AS-Interface, MASI68

7000-C0201-8620000



Bus Connection Plug 90°
 SUB-D9 (female), screw terminals
 SUB-D9 (male), screw terminals

CANopen

55760

PROFIBUS

55762



Bus Connection Plug 180°
 SUB-D9 (male), IDC terminals, rigid cable

PROFIBUS


55584



Bus Connection Plug 90°
 SUB-D9 (male), IDC terminals, rigid cable

PROFIBUS

55585

| Connection accessories | | | Art-No. |
|---|---|-----------------------------|--------------------|
|  | Bus Connection Plug 90° SUB-D9 (male), IDC terminals, rigid cable, programming device conn. | PROFIBUS | 55586 |
|  | Bus Connection Plug 90° SUB-D9 (male); M12 x 1, B-coded | PROFIBUS | 7000-99441-0000000 |
|  | Bus Connection Plug 35° SUB-D9 (male); M12 x 1, B-coded | PROFIBUS | 7000-99401-0000000 |
|  | Bus Connection Plug 90° SUB-D9 (male); M12 x 1, B-coded | PROFIBUS | 7000-99411-0000000 |
|  | Bus Connection Plug 180° SUB-D9 (male); M12 x 1, B-coded | PROFIBUS | 7000-99421-0000000 |
|  | Bus Connection Plug 90° SUB-D9 (male); M12 x 1, B-coded Zinc die casting | PROFIBUS | 7000-99431-0000000 |
| Labeling accessories | | | Art-No. |
|  | Slip-on cable sleeve for ACS label plates (4 x 18 mm) | Cable diameter (4...6.5 mm) | 7000-99004-0000000 |

Labeling accessories



Snap-on cable sleeve

for ACS label plates (4 × 18 mm)

Cable diameter (4.2...5.6 mm)

7000-99005-0000000

for ACS label plates (4 × 18 mm)

Cable diameter (5...7 mm)

7000-99006-0000000



ACS label plate

for self marking (4 × 18 mm)

7000-99002-0000000

Mounting accessories



Torque wrench set

M8 (0.4 Nm, SW9)

M8 data connectors

7000-99101-0000000



Torque wrench set

M12 (0.6 Nm, SW13)

M12 data connector molded (standard)

7000-99102-0000000

End fitting accessories



Tube adapter

snap-in for corrugated tube (size 13mm)

Cable diameter (4...7 mm)

7000-99081-0000000