

**T-coupler M12 M 0° / 2x M12 F 0° with cable**

PUR 4x0.34 bk UL/CSA+robot+drag chain 0.6m

Customized printing and packaging

T-coupler

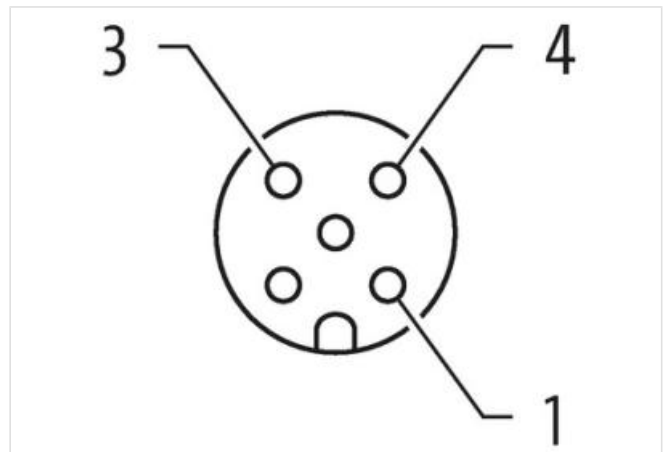
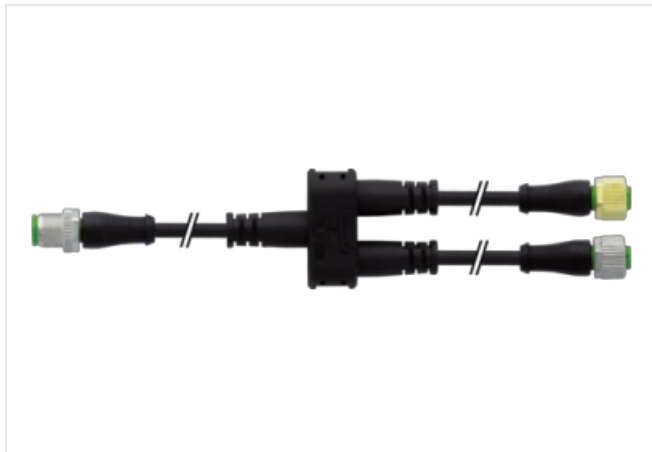
Male straight – females straight

M12 – M12

4-pole – 3-pole

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link naar het product](#)**Afbeelding**



Product van afwijken van afbeelding



|                                           |                   |
|-------------------------------------------|-------------------|
| Cable length                              | 0,6 m             |
| Side 1                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Mounting method                           | inserted, screwed |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| suitable for corrugated tube (internal Ø) | 10 mm             |
| Coding                                    | A                 |
| Width across flats                        | SW13              |
| Side 2                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Mounting method                           | inserted, screwed |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| Coding                                    | A                 |
| Side 3                                    |                   |
| Mounting method                           | inserted, screwed |
| Family construction form                  | M12               |
| Coding                                    | A                 |
| Commerciële gegevens                      |                   |
| ECLASS-6.0                                | 27279218          |
| ECLASS-7.0                                | 27279218          |
| ECLASS-8.0                                | 27279218          |
| ECLASS-9.0                                | 27060311          |
| ECLASS-10.1                               | 27060313          |
| ECLASS-11.1                               | 27060313          |
| ECLASS-12.0                               | 27060313          |
| ETIM-5.0                                  | EC001855          |
| Douane tarief nummer                      | 85444290          |
| GTIN                                      | 4048879838047     |
| Verpakkingseenheid                        | 10                |
| Electrical data   Supply                  |                   |

|                           |      |
|---------------------------|------|
| Operating voltage AC max. | 50 V |
|---------------------------|------|

|                           |      |
|---------------------------|------|
| Operating voltage DC max. | 60 V |
|---------------------------|------|

|                                    |     |
|------------------------------------|-----|
| Current operating per contact max. | 4 A |
|------------------------------------|-----|

**Device protection | Electrical**

|                                     |                         |
|-------------------------------------|-------------------------|
| Degree of protection (EN IEC 60529) | IP65, IP67, IP68, IP66K |
|-------------------------------------|-------------------------|

|                                        |                   |
|----------------------------------------|-------------------|
| Additional condition protection degree | inserted, screwed |
|----------------------------------------|-------------------|

|                  |   |
|------------------|---|
| Pollution Degree | 3 |
|------------------|---|

|                     |        |
|---------------------|--------|
| Rated surge voltage | 1,5 kV |
|---------------------|--------|

|                              |   |
|------------------------------|---|
| Material group (IEC 60664-1) | I |
|------------------------------|---|

**Mechanical data | Material data**

|                 |                   |
|-----------------|-------------------|
| Coating locking | safe-cover coated |
|-----------------|-------------------|

|                  |                  |
|------------------|------------------|
| Locking material | Zinc die-casting |
|------------------|------------------|

**Mechanical data | Mounting data**

|                 |                                       |
|-----------------|---------------------------------------|
| Mounting method | inserted, screwed, Shaking protection |
|-----------------|---------------------------------------|

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -25 °C |
|----------------------------|--------|

|                            |       |
|----------------------------|-------|
| Operating temperature max. | 85 °C |
|----------------------------|-------|

|                                        |                            |
|----------------------------------------|----------------------------|
| Additional condition temperature range | depending on cable quality |
|----------------------------------------|----------------------------|

**Installation | Cable**

|                  |                           |
|------------------|---------------------------|
| wire arrangement | brown, black, blue, white |
|------------------|---------------------------|

|                      |     |
|----------------------|-----|
| Cable identification | 654 |
|----------------------|-----|

|            |   |
|------------|---|
| Cable Type | 5 |
|------------|---|

|              |       |
|--------------|-------|
| Jacket Color | black |
|--------------|-------|

|                     |       |
|---------------------|-------|
| Type of Certificate | cURus |
|---------------------|-------|

|                  |   |
|------------------|---|
| Amount stranding | 1 |
|------------------|---|

|           |                 |
|-----------|-----------------|
| Stranding | 4 wires twisted |
|-----------|-----------------|

|                  |                           |
|------------------|---------------------------|
| wire arrangement | brown, black, blue, white |
|------------------|---------------------------|

|              |          |
|--------------|----------|
| Cable weight | 36,3 g/m |
|--------------|----------|

|                 |     |
|-----------------|-----|
| Material jacket | PUR |
|-----------------|-----|

|                       |                |
|-----------------------|----------------|
| Shore hardness jacket | 58 ± 3 Shore D |
|-----------------------|----------------|

|                                   |                                                                |
|-----------------------------------|----------------------------------------------------------------|
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
|-----------------------------------|----------------------------------------------------------------|

|                         |        |
|-------------------------|--------|
| Outer-diameter (jacket) | 4,7 mm |
|-------------------------|--------|

|                                   |       |
|-----------------------------------|-------|
| Tolerance outer diameter (sheath) | ± 5 % |
|-----------------------------------|-------|

|                          |    |
|--------------------------|----|
| Material wire insulation | PP |
|--------------------------|----|

|              |   |
|--------------|---|
| Amount wires | 4 |
|--------------|---|

|                           |         |
|---------------------------|---------|
| Outer diameter insulation | 1,25 mm |
|---------------------------|---------|

|                                          |       |
|------------------------------------------|-------|
| Outer diameter tolerance core insulation | ± 5 % |
|------------------------------------------|-------|

|                                |                |
|--------------------------------|----------------|
| Shore hardness wire insulation | 74 ± 3 Shore D |
|--------------------------------|----------------|

|                                     |                                                                |
|-------------------------------------|----------------------------------------------------------------|
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
|-------------------------------------|----------------------------------------------------------------|

|                       |    |
|-----------------------|----|
| Amount strands (wire) | 42 |
|-----------------------|----|

|                          |        |
|--------------------------|--------|
| Diameter of single wires | 0,1 mm |
|--------------------------|--------|

|                               |          |
|-------------------------------|----------|
| Conductor crosssection (wire) | 0,34 mm² |
|-------------------------------|----------|

|                         |                            |
|-------------------------|----------------------------|
| Material conductor wire | Stranded copper wire, bare |
|-------------------------|----------------------------|

|                       |                |
|-----------------------|----------------|
| Conductor type (wire) | strand class 6 |
|-----------------------|----------------|

|                         |       |
|-------------------------|-------|
| Nominal voltage AC max. | 300 V |
|-------------------------|-------|

|                                  |                   |
|----------------------------------|-------------------|
| Current load capacity (standard) | to DIN VDE 0298-4 |
|----------------------------------|-------------------|

|                                 |       |
|---------------------------------|-------|
| Current load capacity min. wire | 4,8 A |
|---------------------------------|-------|

|                                          |                 |
|------------------------------------------|-----------------|
| Electrical resistance line constant wire | 60 Ω/km @ 20 °C |
|------------------------------------------|-----------------|

|                                    |               |
|------------------------------------|---------------|
| AC withstand voltage (wire - wire) | 2,5 kV @ 60 s |
|------------------------------------|---------------|

|                                                   |               |
|---------------------------------------------------|---------------|
| Power frequency withstand voltage (wire - jacket) | 2,5 kV @ 60 s |
|---------------------------------------------------|---------------|

|                                     |        |
|-------------------------------------|--------|
| Min. operating temperature (static) | -40 °C |
|-------------------------------------|--------|

|                                      |                                                      |
|--------------------------------------|------------------------------------------------------|
| Max. operating temperature (fixed)   | 80 °C / 90 °C @ 10000 h Operation                    |
| Operating temperature min. (dynamic) | -25 °C                                               |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation                    |
| UV resistance                        | DIN EN ISO 4892-2 A                                  |
| Flame resistance                     | UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  |
| chemical resistance                  | Good, application-related testing                    |
| Gasoline resistance                  | Good, application-related testing                    |
| Oil resistance                       | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (fixed)               | 5 x Outer diameter                                   |
| Bending radius (dynamic)             | 10 x Outer diameter                                  |
| No. of bending cycles (C-track)      | 10 Mio. @ 25 °C                                      |
| Traversing distance (C-track)        | 5 m @ 25 °C   horizontal                             |
| Travel speed (C-track)               | 3,3 m/s @ 25 °C                                      |
| No. of torsion cycles                | 1 Mio.                                               |
| Torsion stress                       | ± 360 °/m                                            |
| Torsion speed                        | 35 cycles/min                                        |