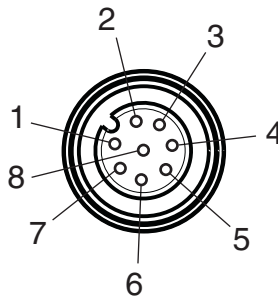


## PSEN op Cable M12 8p sh

### Connector pin assignment

#### Colour coding

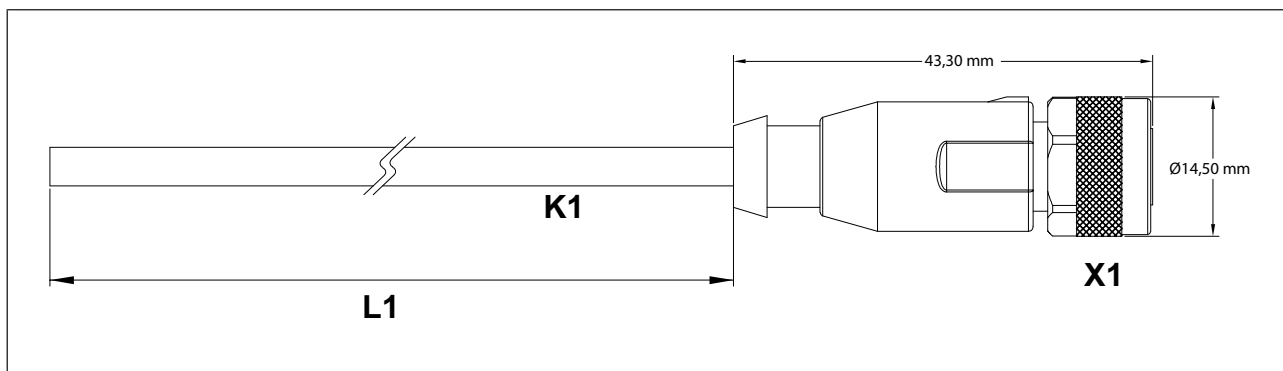
|        |               |
|--------|---------------|
| 1      | white         |
| 2      | brown         |
| 3      | green         |
| 4      | yellow        |
| 5      | grey          |
| 6      | pink          |
| 7      | blue          |
| 8      | red           |
| Shield | Shield sleeve |



Plan view plug-in connector X1

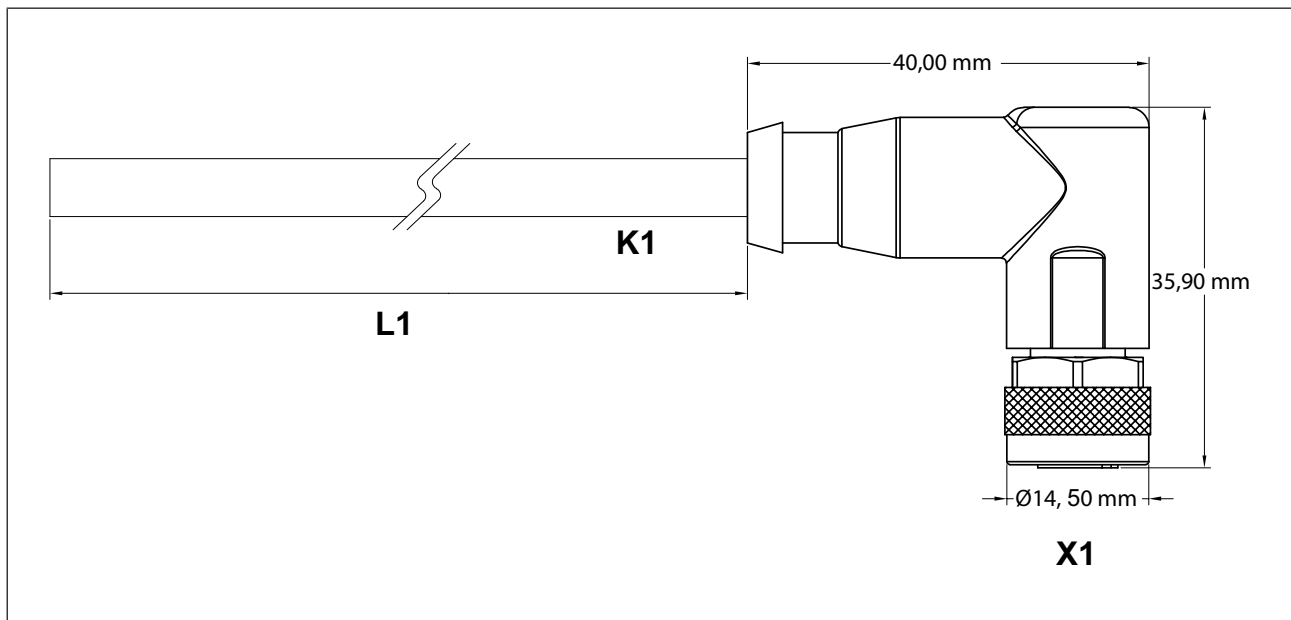
### Dimensions

#### ► M12 female connector, straight:



## PSEN op Cable M12 8p sh

► M12 female connector, angled:



# Accessories

## PSEN op Cable M12 8p sh

### Technical details Order no. 630313 - 630315

| General                           | 630313                      | 630314                      | 630315                      |
|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Certifications                    | CE, UKCA, cULus Listed      | CE, UKCA, cULus Listed      | CE, UKCA, cULus Listed      |
| Electrical data                   | 630313                      | 630314                      | 630315                      |
| Rated voltage                     |                             |                             |                             |
| Voltage UB                        | 30 V                        | 30 V                        | 30 V                        |
| Rated current                     | 2 A                         | 2 A                         | 2 A                         |
| Test voltage                      | 3.000 V                     | 3.000 V                     | 3.000 V                     |
| Typ. conductor resistance K1      | 82 Ohm/km                   | 82 Ohm/km                   | 82 Ohm/km                   |
| Insulation resistance             | 100 MOhm                    | 100 MOhm                    | 100 MOhm                    |
| Volume resistance                 | 3 mOhm                      | 3 mOhm                      | 3 mOhm                      |
| Specific volume resistance K1     | $\geq 7E+15 \text{ Ohm*cm}$ | $\geq 7E+15 \text{ Ohm*cm}$ | $\geq 7E+15 \text{ Ohm*cm}$ |
| Specific cable capacitance K1     | 59,8pF/m                    | 59,8pF/m                    | 59,8pF/m                    |
| Environmental data                | 630313                      | 630314                      | 630315                      |
| Ambient temperature               |                             |                             |                             |
| Temperature range                 | -25 - 80 °C                 | -25 - 80 °C                 | -25 - 80 °C                 |
| Airgap creepage                   |                             |                             |                             |
| Pollution degree                  | 3                           | 3                           | 3                           |
| Protection type                   |                             |                             |                             |
| X1 when inserted                  | IP67                        | IP67                        | IP67                        |
| Housing                           | IP67                        | IP67                        | IP67                        |
| Mechanical data                   | 630313                      | 630314                      | 630315                      |
| Plug connector X1                 | M12, 8-pin female connector | M12, 8-pin female connector | M12, 8-pin female connector |
| in accordance with the standard   | EN 61076-2-101              | EN 61076-2-101              | EN 61076-2-101              |
| Form, plug-in connector X1        | Straight                    | Straight                    | Straight                    |
| Coding of plug-in connector X1    | A-coded                     | A-coded                     | A-coded                     |
| Housing material X1               | PUR                         | PUR                         | PUR                         |
| Material of contact surface X1    | Au                          | Au                          | Au                          |
| Material of socket                | CuSn                        | CuSn                        | CuSn                        |
| Conductor material K1             | Cu                          | Cu                          | Cu                          |
| Insulating cover for conductor K1 | PP (9Y)                     | PP (9Y)                     | PP (9Y)                     |
| Mating cycles X1                  | 100                         | 100                         | 100                         |
| Cable type K1                     | Li9YC11Y                    | Li9YC11Y                    | Li9YC11Y                    |

# Accessories

## PSEN op Cable M12 8p sh

| <b>Mechanical data</b>                     | <b>630313</b>                                             | <b>630314</b>                                             | <b>630315</b>                                             |
|--------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Cable length L1                            | <b>3 m</b>                                                | <b>5 m</b>                                                | <b>10 m</b>                                               |
| Material of shield surface cable K1        | <b>Sn</b>                                                 | <b>Sn</b>                                                 | <b>Sn</b>                                                 |
| Colour of external cable insulation K1     | <b>Yellow, similar to RAL 1003</b>                        | <b>Yellow, similar to RAL 1003</b>                        | <b>Yellow, similar to RAL 1003</b>                        |
| Colour of housing                          | <b>Black</b>                                              | <b>Black</b>                                              | <b>Black</b>                                              |
| Cable insulation material K1               | <b>PUR, TPU / TPE-U</b>                                   | <b>PUR, TPU / TPE-U</b>                                   | <b>PUR, TPU / TPE-U</b>                                   |
| Drag chain suitable K1                     | <b>No</b>                                                 | <b>No</b>                                                 | <b>No</b>                                                 |
| Min. bending radius (fixed permanently) K1 | <b>5 x Ø</b>                                              | <b>5 x Ø</b>                                              | <b>5 x Ø</b>                                              |
| Min. bending radius (moving) K1            | <b>10 x Ø</b>                                             | <b>10 x Ø</b>                                             | <b>10 x Ø</b>                                             |
| Cable diameter K1                          | <b>6,6 mm</b>                                             | <b>6,6 mm</b>                                             | <b>6,6 mm</b>                                             |
| Max. cable diameter K1                     | <b>6,75 mm</b>                                            | <b>6,75 mm</b>                                            | <b>6,75 mm</b>                                            |
| Conductor cross section K1                 | <b>0,25 mm<sup>2</sup></b>                                | <b>0,25 mm<sup>2</sup></b>                                | <b>0,25 mm<sup>2</sup></b>                                |
| Conductor cross section AWG K1             | <b>24</b>                                                 | <b>24</b>                                                 | <b>24</b>                                                 |
| Wire colour K1                             | <b>White, brown, green, yellow, grey, pink, blue, red</b> | <b>White, brown, green, yellow, grey, pink, blue, red</b> | <b>White, brown, green, yellow, grey, pink, blue, red</b> |
| Stranding K1                               | <b>8 cores around filler</b>                              | <b>8 cores around filler</b>                              | <b>8 cores around filler</b>                              |
| Shielding K1                               | <b>Yes</b>                                                | <b>Yes</b>                                                | <b>Yes</b>                                                |
| Shield type K1                             | <b>Wire mesh</b>                                          | <b>Wire mesh</b>                                          | <b>Wire mesh</b>                                          |
| Wire layer separation K1                   | <b>Yes</b>                                                | <b>Yes</b>                                                | <b>Yes</b>                                                |
| No. of wires K1                            | <b>8</b>                                                  | <b>8</b>                                                  | <b>8</b>                                                  |
| Certification cable K1                     | <b>UL AWM-Style 20233, UL/CSA</b>                         | <b>UL AWM-Style 20233, UL/CSA</b>                         | <b>UL AWM-Style 20233, UL/CSA</b>                         |
| Certification plug-in connector X1         | <b>UL94 V-0</b>                                           | <b>UL94 V-0</b>                                           | <b>UL94 V-0</b>                                           |
| Halogen-free                               | <b>Yes</b>                                                | <b>Yes</b>                                                | <b>Yes</b>                                                |
| Silicone-free                              | <b>Yes</b>                                                | <b>Yes</b>                                                | <b>Yes</b>                                                |
| Oil resistance                             | <b>Resistant</b>                                          | <b>Resistant</b>                                          | <b>Resistant</b>                                          |
| Non-flammability                           | <b>UL VW1</b>                                             | <b>UL VW1</b>                                             | <b>UL VW1</b>                                             |
| Material                                   |                                                           |                                                           |                                                           |
| Housing                                    | <b>PUR</b>                                                | <b>PUR</b>                                                | <b>PUR</b>                                                |
| Weight                                     | <b>224 g</b>                                              | <b>354 g</b>                                              | <b>612 g</b>                                              |

# Accessories

## PSEN op Cable M12 8p sh

### Technical details Order no. 630316 - 630318

| General                           | 630316                      | 630317                      | 630318                      |
|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Certifications                    | CE, UKCA, cULus Listed      | CE, UKCA, cULus Listed      | CE, UKCA, cULus Listed      |
| Electrical data                   | 630316                      | 630317                      | 630318                      |
| Rated voltage                     |                             |                             |                             |
| Voltage UB                        | 30 V                        | 30 V                        | 30 V                        |
| Rated current                     | 2 A                         | 2 A                         | 2 A                         |
| Test voltage                      | 3.000 V                     | 3.000 V                     | 3.000 V                     |
| Typ. conductor resistance K1      | 82 Ohm/km                   | 82 Ohm/km                   | 82 Ohm/km                   |
| Insulation resistance             | 100 MOhm                    | 100 MOhm                    | 100 MOhm                    |
| Volume resistance                 | 3 mOhm                      | 3 mOhm                      | 3 mOhm                      |
| Specific volume resistance K1     | $\geq 7E+15 \text{ Ohm*cm}$ | $\geq 7E+15 \text{ Ohm*cm}$ | $\geq 7E+15 \text{ Ohm*cm}$ |
| Specific cable capacitance K1     | 59,8pF/m                    | 59,8pF/m                    | 59,8pF/m                    |
| Environmental data                | 630316                      | 630317                      | 630318                      |
| Ambient temperature               |                             |                             |                             |
| Temperature range                 | -25 - 80 °C                 | -25 - 80 °C                 | -25 - 80 °C                 |
| Airgap creepage                   |                             |                             |                             |
| Pollution degree                  | 3                           | 3                           | 3                           |
| Protection type                   |                             |                             |                             |
| X1 when inserted                  | IP67                        | IP67                        | IP67                        |
| Housing                           | IP67                        | IP67                        | IP67                        |
| Mechanical data                   | 630316                      | 630317                      | 630318                      |
| Plug connector X1                 | M12, 8-pin female connector | M12, 8-pin female connector | M12, 8-pin female connector |
| in accordance with the standard   | EN 61076-2-101              | EN 61076-2-101              | EN 61076-2-101              |
| Form, plug-in connector X1        | Angled                      | Angled                      | Angled                      |
| Coding of plug-in connector X1    | A-coded                     | A-coded                     | A-coded                     |
| Housing material X1               | PUR                         | PUR                         | PUR                         |
| Material of contact surface X1    | Au                          | Au                          | Au                          |
| Material of socket                | CuSn                        | CuSn                        | CuSn                        |
| Conductor material K1             | Cu                          | Cu                          | Cu                          |
| Insulating cover for conductor K1 | PP (9Y)                     | PP (9Y)                     | PP (9Y)                     |
| Mating cycles X1                  | 100                         | 100                         | 100                         |
| Cable type K1                     | Li9YC11Y                    | Li9YC11Y                    | Li9YC11Y                    |

# Accessories

## PSEN op Cable M12 8p sh

| <b>Mechanical data</b>                     | <b>630316</b>                                             | <b>630317</b>                                             | <b>630318</b>                                             |
|--------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Cable length L1                            | <b>3 m</b>                                                | <b>5 m</b>                                                | <b>10 m</b>                                               |
| Material of shield surface cable K1        | <b>Sn</b>                                                 | <b>Sn</b>                                                 | <b>Sn</b>                                                 |
| Colour of external cable insulation K1     | <b>Yellow, similar to RAL 1003</b>                        | <b>Yellow, similar to RAL 1003</b>                        | <b>Yellow, similar to RAL 1003</b>                        |
| Colour of housing                          | <b>Black</b>                                              | <b>Black</b>                                              | <b>Black</b>                                              |
| Cable insulation material K1               | <b>PUR, TPU / TPE-U</b>                                   | <b>PUR, TPU / TPE-U</b>                                   | <b>PUR, TPU / TPE-U</b>                                   |
| Drag chain suitable K1                     | <b>No</b>                                                 | <b>No</b>                                                 | <b>No</b>                                                 |
| Min. bending radius (fixed permanently) K1 | <b>5 x Ø</b>                                              | <b>5 x Ø</b>                                              | <b>5 x Ø</b>                                              |
| Min. bending radius (moving) K1            | <b>10 x Ø</b>                                             | <b>10 x Ø</b>                                             | <b>10 x Ø</b>                                             |
| Cable diameter K1                          | <b>6,6 mm</b>                                             | <b>6,6 mm</b>                                             | <b>6,6 mm</b>                                             |
| Max. cable diameter K1                     | <b>6,75 mm</b>                                            | <b>6,75 mm</b>                                            | <b>6,75 mm</b>                                            |
| Conductor cross section K1                 | <b>0,25 mm<sup>2</sup></b>                                | <b>0,25 mm<sup>2</sup></b>                                | <b>0,25 mm<sup>2</sup></b>                                |
| Conductor cross section AWG K1             | <b>24</b>                                                 | <b>24</b>                                                 | <b>24</b>                                                 |
| Wire colour K1                             | <b>White, brown, green, yellow, grey, pink, blue, red</b> | <b>White, brown, green, yellow, grey, pink, blue, red</b> | <b>White, brown, green, yellow, grey, pink, blue, red</b> |
| Stranding K1                               | <b>8 cores around filler</b>                              | <b>8 cores around filler</b>                              | <b>8 cores around filler</b>                              |
| Shielding K1                               | <b>Yes</b>                                                | <b>Yes</b>                                                | <b>Yes</b>                                                |
| Shield type K1                             | <b>Wire mesh</b>                                          | <b>Wire mesh</b>                                          | <b>Wire mesh</b>                                          |
| Wire layer separation K1                   | <b>Yes</b>                                                | <b>Yes</b>                                                | <b>Yes</b>                                                |
| No. of wires K1                            | <b>8</b>                                                  | <b>8</b>                                                  | <b>8</b>                                                  |
| Certification cable K1                     | <b>UL AWM-Style 20233, UL/CSA</b>                         | <b>UL AWM-Style 20233, UL/CSA</b>                         | <b>UL AWM-Style 20233, UL/CSA</b>                         |
| Certification plug-in connector X1         | <b>UL94 V-0</b>                                           | <b>UL94 V-0</b>                                           | <b>UL94 V-0</b>                                           |
| Halogen-free                               | <b>Yes</b>                                                | <b>Yes</b>                                                | <b>Yes</b>                                                |
| Silicone-free                              | <b>Yes</b>                                                | <b>Yes</b>                                                | <b>Yes</b>                                                |
| Oil resistance                             | <b>Resistant</b>                                          | <b>Resistant</b>                                          | <b>Resistant</b>                                          |
| Non-flammability                           | <b>UL VW1</b>                                             | <b>UL VW1</b>                                             | <b>UL VW1</b>                                             |
| Material                                   |                                                           |                                                           |                                                           |
| Housing                                    | <b>PUR</b>                                                | <b>PUR</b>                                                | <b>PUR</b>                                                |
| Weight                                     | <b>227 g</b>                                              | <b>358 g</b>                                              | <b>696 g</b>                                              |

# Accessories

## PSEN op Cable M12 8p sh

Technical details Order no. 630328 - 630368

| General                           | 630328                      | 630329                      | 630368                      |
|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Certifications                    | CE, UKCA, cULus Listed      | CE, UKCA, cULus Listed      | CE, UKCA, cULus Listed      |
| Electrical data                   | 630328                      | 630329                      | 630368                      |
| Rated voltage                     |                             |                             |                             |
| Voltage UB                        | 30 V                        | 30 V                        | 30 V                        |
| Rated current                     | 2 A                         | 2 A                         | 2 A                         |
| Test voltage                      | 3.000 V                     | 3.000 V                     | 3.000 V                     |
| Typ. conductor resistance K1      | 82 Ohm/km                   | 82 Ohm/km                   | 82 Ohm/km                   |
| Insulation resistance             | 100 MOhm                    | 100 MOhm                    | 100 MOhm                    |
| Volume resistance                 | 3 mOhm                      | 3 mOhm                      | 3 mOhm                      |
| Specific volume resistance K1     | $\geq 7E+15 \text{ Ohm*cm}$ | $\geq 7E+15 \text{ Ohm*cm}$ | $\geq 7E+15 \text{ Ohm*cm}$ |
| Specific cable capacitance K1     | 59,8pF/m                    | 59,8pF/m                    | 59,8pF/m                    |
| Environmental data                | 630328                      | 630329                      | 630368                      |
| Ambient temperature               |                             |                             |                             |
| Temperature range                 | -25 - 80 °C                 | -25 - 80 °C                 | -25 - 80 °C                 |
| Airgap creepage                   |                             |                             |                             |
| Pollution degree                  | 3                           | 3                           | 3                           |
| Protection type                   |                             |                             |                             |
| X1 when inserted                  | IP67                        | IP67                        | IP67                        |
| Housing                           | IP67                        | IP67                        | IP67                        |
| Mechanical data                   | 630328                      | 630329                      | 630368                      |
| Plug connector X1                 | M12, 8-pin female connector | M12, 8-pin female connector | M12, 8-pin female connector |
| in accordance with the standard   | EN 61076-2-101              | EN 61076-2-101              | EN 61076-2-101              |
| Form, plug-in connector X1        | Straight                    | Angled                      | Straight                    |
| Coding of plug-in connector X1    | A-coded                     | A-coded                     | A-coded                     |
| Housing material X1               | PUR                         | PUR                         | PUR                         |
| Material of contact surface X1    | Au                          | Au                          | Au                          |
| Material of socket                | CuSn                        | CuSn                        | CuSn                        |
| Conductor material K1             | Cu                          | Cu                          | Cu                          |
| Insulating cover for conductor K1 | PP (9Y)                     | PP (9Y)                     | PP (9Y)                     |
| Mating cycles X1                  | 100                         | 100                         | 100                         |
| Cable type K1                     | Li9YC11Y                    | Li9YC11Y                    | Li9YC11Y                    |

# Accessories

## PSEN op Cable M12 8p sh

| <b>Mechanical data</b>                     | <b>630328</b>                                             | <b>630329</b>                                             | <b>630368</b>                                             |
|--------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Cable length L1                            | <b>30 m</b>                                               | <b>30 m</b>                                               | <b>50 m</b>                                               |
| Material of shield surface cable K1        | <b>Sn</b>                                                 | <b>Sn</b>                                                 | <b>Sn</b>                                                 |
| Colour of external cable insulation K1     | <b>Yellow, similar to RAL 1003</b>                        | <b>Yellow, similar to RAL 1003</b>                        | <b>Yellow, similar to RAL 1003</b>                        |
| Colour of housing                          | <b>Black</b>                                              | <b>Black</b>                                              | <b>Black</b>                                              |
| Cable insulation material K1               | <b>PUR, TPU / TPE-U</b>                                   | <b>PUR, TPU / TPE-U</b>                                   | <b>PUR, TPU / TPE-U</b>                                   |
| Drag chain suitable K1                     | <b>No</b>                                                 | <b>No</b>                                                 | <b>No</b>                                                 |
| Min. bending radius (fixed permanently) K1 | <b>5 x Ø</b>                                              | <b>5 x Ø</b>                                              | <b>5 x Ø</b>                                              |
| Min. bending radius (moving) K1            | <b>10 x Ø</b>                                             | <b>10 x Ø</b>                                             | <b>10 x Ø</b>                                             |
| Cable diameter K1                          | <b>6,6 mm</b>                                             | <b>6,6 mm</b>                                             | <b>6,6 mm</b>                                             |
| Max. cable diameter K1                     | <b>6,75 mm</b>                                            | <b>6,75 mm</b>                                            | <b>6,75 mm</b>                                            |
| Conductor cross section K1                 | <b>0,25 mm<sup>2</sup></b>                                | <b>0,25 mm<sup>2</sup></b>                                | <b>0,25 mm<sup>2</sup></b>                                |
| Conductor cross section AWG K1             | <b>24</b>                                                 | <b>24</b>                                                 | <b>24</b>                                                 |
| Wire colour K1                             | <b>White, brown, green, yellow, grey, pink, blue, red</b> | <b>White, brown, green, yellow, grey, pink, blue, red</b> | <b>White, brown, green, yellow, grey, pink, blue, red</b> |
| Stranding K1                               | <b>8 cores around filler</b>                              | <b>8 cores around filler</b>                              | <b>8 cores around filler</b>                              |
| Shielding K1                               | <b>Yes</b>                                                | <b>Yes</b>                                                | <b>Yes</b>                                                |
| Shield type K1                             | <b>Wire mesh</b>                                          | <b>Wire mesh</b>                                          | <b>Wire mesh</b>                                          |
| Wire layer separation K1                   | <b>Yes</b>                                                | <b>Yes</b>                                                | <b>Yes</b>                                                |
| No. of wires K1                            | <b>8</b>                                                  | <b>8</b>                                                  | <b>8</b>                                                  |
| Certification cable K1                     | <b>UL AWM-Style 20233, UL/CSA</b>                         | <b>UL AWM-Style 20233, UL/CSA</b>                         | <b>UL AWM-Style 20233, UL/CSA</b>                         |
| Certification plug-in connector X1         | <b>UL94 V-0</b>                                           | <b>UL94 V-0</b>                                           | <b>UL94 V-0</b>                                           |
| Halogen-free                               | <b>Yes</b>                                                | <b>Yes</b>                                                | <b>Yes</b>                                                |
| Silicone-free                              | <b>Yes</b>                                                | <b>Yes</b>                                                | <b>Yes</b>                                                |
| Oil resistance                             | <b>Resistant</b>                                          | <b>Resistant</b>                                          | <b>Resistant</b>                                          |
| Non-flammability                           | <b>UL VW1</b>                                             | <b>UL VW1</b>                                             | <b>UL VW1</b>                                             |
| Material                                   |                                                           |                                                           |                                                           |
| Housing                                    | <b>PUR</b>                                                | <b>PUR</b>                                                | <b>PUR</b>                                                |
| Weight                                     | <b>2.050 g</b>                                            | <b>2.021 g</b>                                            | <b>2.970 g</b>                                            |



# Accessories

## PSEN op Cable M12 8p sh

Technical details Order no. 630369

### General

Certifications **CE, UKCA, cULus Listed**

### Electrical data

|                               |                           |
|-------------------------------|---------------------------|
| Rated voltage                 |                           |
| Voltage UB                    | <b>30 V</b>               |
| Rated current                 | <b>2 A</b>                |
| Test voltage                  | <b>3.000 V</b>            |
| Typ. conductor resistance K1  | <b>82 Ohm/km</b>          |
| Insulation resistance         | <b>100 MOhm</b>           |
| Volume resistance             | <b>3 mOhm</b>             |
| Specific volume resistance K1 | <b>&gt;= 7E+15 Ohm*cm</b> |
| Specific cable capacitance K1 | <b>59,8pF/m</b>           |

### Environmental data

|                     |                    |
|---------------------|--------------------|
| Ambient temperature |                    |
| Temperature range   | <b>-25 - 80 °C</b> |
| Airgap creepage     |                    |
| Pollution degree    | <b>3</b>           |
| Protection type     |                    |
| X1 when inserted    | <b>IP67</b>        |
| Housing             | <b>IP67</b>        |

### Mechanical data

|                                            |                                    |
|--------------------------------------------|------------------------------------|
| Plug connector X1                          | <b>M12, 8-pin female connector</b> |
| in accordance with the standard            | <b>EN 61076-2-101</b>              |
| Form, plug-in connector X1                 | <b>Angled</b>                      |
| Coding of plug-in connector X1             | <b>A-coded</b>                     |
| Housing material X1                        | <b>PUR</b>                         |
| Material of contact surface X1             | <b>Au</b>                          |
| Material of socket                         | <b>CuSn</b>                        |
| Conductor material K1                      | <b>Cu</b>                          |
| Insulating cover for conductor K1          | <b>PP (9Y)</b>                     |
| Mating cycles X1                           | <b>100</b>                         |
| Cable type K1                              | <b>Li9YC11Y</b>                    |
| Cable length L1                            | <b>50 m</b>                        |
| Material of shield surface cable K1        | <b>Sn</b>                          |
| Colour of external cable insulation K1     | <b>Yellow, similar to RAL 1003</b> |
| Colour of housing                          | <b>Black</b>                       |
| Cable insulation material K1               | <b>PUR, TPU / TPE-U</b>            |
| Drag chain suitable K1                     | <b>No</b>                          |
| Min. bending radius (fixed permanently) K1 | <b>5 x Ø</b>                       |

# Accessories

## PSEN op Cable M12 8p sh

| Mechanical data                    |                                                    |
|------------------------------------|----------------------------------------------------|
| Min. bending radius (moving) K1    | 10 x Ø                                             |
| Cable diameter K1                  | 6,6 mm                                             |
| Max. cable diameter K1             | 6,75 mm                                            |
| Conductor cross section K1         | 0,25 mm <sup>2</sup>                               |
| Conductor cross section AWG K1     | 24                                                 |
| Wire colour K1                     | White, brown, green, yellow, grey, pink, blue, red |
| Stranding K1                       | 8 cores around filler                              |
| Shielding K1                       | Yes                                                |
| Shield type K1                     | Wire mesh                                          |
| Wire layer separation K1           | Yes                                                |
| No. of wires K1                    | 8                                                  |
| Certification cable K1             | UL AWM-Style 20233, UL/CSA                         |
| Certification plug-in connector X1 | UL94 V-0                                           |
| Halogen-free                       | Yes                                                |
| Silicone-free                      | Yes                                                |
| Oil resistance                     | Resistant                                          |
| Non-flammability                   | UL VW1                                             |
| Material                           |                                                    |
| Housing                            | PUR                                                |
| Weight                             | 2.960 g                                            |

### Order reference

| Product type                                 | Features | Connector X1                   | Connector X2 | Order no. |
|----------------------------------------------|----------|--------------------------------|--------------|-----------|
| PSEN op cable axial<br>M12 8-p. shield. 3 m  | 3 m      | M12 female connector, straight |              | 630313    |
| PSEN op cable axial<br>M12 8-p. shield. 5 m  | 5 m      | M12 female connector, straight |              | 630314    |
| PSEN op cable axial<br>M12 8-p. shield. 10 m | 10 m     | M12 female connector, straight |              | 630315    |
| PSEN op cable angle<br>M12 8-p. shield. 3 m  | 3 m      | M12 female connector, angled   |              | 630316    |
| PSEN op cable angle<br>M12 8-p. shield. 5 m  | 5 m      | M12 female connector, angled   |              | 630317    |
| PSEN op cable angle<br>M12 8-p. shield. 10 m | 10 m     | M12 female connector, angled   |              | 630318    |
| PSEN op cable axial<br>M12 8-p. shield. 30 m | 30 m     | M12 female connector, straight |              | 630328    |
| PSEN op cable angle<br>M12 8-p. shield. 30 m | 30 m     | M12 female connector, angled   |              | 630329    |

# Accessories

---

## PSEN op Cable M12 8p sh

---

| Product type                                 | Features | Connector X1                        | Connector X2 | Order no. |
|----------------------------------------------|----------|-------------------------------------|--------------|-----------|
| PSEN op cable axial<br>M12 8-p. shield. 50 m | 50 m     | M12 female con-<br>nector, straight |              | 630368    |
| PSEN op cable angle<br>M12 8-p. shield. 50 m | 50 m     | M12 female con-<br>nector, angled   |              | 630369    |