

## Overview

- M8, male, A-coded, 3-poles; PVC, 200 cm, open cable end
- Head A: IP65, IP66K, IP67



## Technical data

### Side A

|                              |                   |
|------------------------------|-------------------|
| Head A: Connection           | M8                |
| Head A: Angle cable outlet   | 0°                |
| Head A: Gender               | Male              |
| Head A: Coding               | A                 |
| Head A: No. of poles         | 3                 |
| Head A: LED                  | No                |
| Head A: Width across flats   | AF9               |
| Head A: Tightening torque    | 0.4 Nm            |
| Head A: Knurled nut material | Brass, surface Ni |
| Head A: Body color           | Black             |
| Labeling sleeve side A       | Yes               |
| Head A: Contact layout pin 1 | BN                |
| Head A: Contact layout pin 3 | BU                |
| Head A: Contact layout pin 4 | BK                |

### Side B

|                        |                  |
|------------------------|------------------|
| Head B: Connection     | Open-ended wires |
| Labeling sleeve side B | Yes              |

### Cables

|                           |             |
|---------------------------|-------------|
| Cable length              | 200 cm      |
| Stripping length          | 20 mm       |
| Shielded                  | No          |
| AWG                       | 24          |
| External sheath: Material | PVC         |
| External sheath: Color    | Gray        |
| Cable diameter            | 4.5 mm ± 5% |
| Wire cross section        | 0.25 mm²    |
| Cable: Halogen free       | No          |

### Cable

|                                    |            |
|------------------------------------|------------|
| Operating voltage (only UL listed) | 30 V AC/DC |
| Shielded                           | No         |
| Bending radius (fixed)             | 25 mm      |
| Number of wires                    | 3          |
| Number and diameter of wires       | 3x0.25     |
| Cable length                       | 200 cm     |

### Cable

|                               |                |
|-------------------------------|----------------|
| AWG                           | 24             |
| Cable type                    | 1              |
| Cable diameter                | 4.5 mm ± 5%    |
| Conductor: Material           | Copper, bare   |
| External sheath: Material     | PVC            |
| Insulation: Material          | PVC            |
| Paired stranding              | No             |
| Total stranding               | 3 wires strand |
| Wire cross section            | 0.25 mm²       |
| Wire processing               | No             |
| Wire diameter incl. isolation | 1.25 mm ± 5%   |
| External sheath: Color        | Gray           |

### Electrical data

|                                    |            |
|------------------------------------|------------|
| Operating voltage (only UL listed) | 30 V AC/DC |
|------------------------------------|------------|

### Mechanical data

|                              |                   |
|------------------------------|-------------------|
| Head A: Degree of protection | IP65, IP66K, IP67 |
|------------------------------|-------------------|

### Environmental conditions

|                                   |                                                                                                                                                                              |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature range (mobile)        | - 25 ...+ 80 °C                                                                                                                                                              |
| Temperature range (fixed)         | - 25 ...+ 80 °C                                                                                                                                                              |
| Dragchain capable                 | No                                                                                                                                                                           |
| Head A: Chemical resistance       | No                                                                                                                                                                           |
| Head A: Flame resistance          | HB (UL 94)                                                                                                                                                                   |
| Head A: Oil resistance            | Good resistance to ASTM 1 oil and mineral oils. Limited resistance to hydraulic oils. If other oils are used, the resistance must be checked in relation to the application. |
| Head A: Acid and alkali resistant | No                                                                                                                                                                           |
| Head A: Pollution degree          | 3                                                                                                                                                                            |
| Cable: Chemical resistance        | Good                                                                                                                                                                         |
| Cable: Flame resistance           | Conform UL 1581 VW-1                                                                                                                                                         |
| Cable: Oil resistance             | Good                                                                                                                                                                         |
| Cable: Silicone-free              | Yes                                                                                                                                                                          |

### Commercial data

|        |          |
|--------|----------|
| Eclass | 27060311 |
|--------|----------|

Dimension drawing

