

# Connecting cables, M9 5-pin

Technical data

## Connecting cable NEBC-M9W5

- Connecting cable M9 5-pin
- Pre-assembled
- Cable lengths 2 and 5 m
- Suitable for CPX-CM-HPP



| General technical data              |  |
|-------------------------------------|--|
| Electrical connection               | Angled plug, 5-pin, M9<br>Open cable end, 5-wire |
| Operating voltage range [V DC]      | Max. 60  |
| Acceptable current load [A]<br>24 V | 1.6  |
| Cable diameter [mm]                 | 5.5  |
| Wire ends                           | Wire end sleeve                                  |
| Cable characteristics               | Suitable for use with energy chains              |
| Cable test conditions               | Test conditions on request                       |
| Type of mounting                    | Via union nut                                    |
| Mounting position                   | Any  |
| Protection class to EN 60529        | IP65, IP67                                       |

| Materials           |                           |
|---------------------|---------------------------|
| Housing             | PA, PBT, TPE-U (PUR)      |
| Pin contact         | Bronze/brass, gold-plated |
| Cable sheath        | TPE-U (PUR)               |
| Cable sheath colour | Light grey                |
| Union nut           | Nickel-plated brass       |
| Note on materials   | RoHS-compliant            |

| Operating and environmental conditions                    |             |
|---|-------------|
| Ambient temperature [°C]                                  | -20 ... +80 |
| Ambient temperature with flexible cable installation [°C] | -5 ... +80  |
| Min. cable bending radius [mm]                            | 75          |

| Wiring allocation (plug view)                                  |     |                           |
|--|-----|---------------------------|
| Socket   | Pin | Wire colour <sup>1)</sup> |
| Electrical connection plug connector, 5-pin, M9 open cable end |     |                           |
|  | 1   | YE                        |
|  | 2   | GY                        |
|  | 3   | GN                        |
|  | 4   | WH                        |
|  | 5   | BN                        |

1) To IEC 757

| Ordering data         |   |                    |                  |          |                     |
|-----------------------|---|--------------------|------------------|----------|---------------------|
| Electrical connection | Cable composition   | Product weight [g] | Cable length [m] | Part No. | Type                |
| Angled plug, 5-pin    | 2x 0.25 mm <sup>2</sup> , 2x 0.34 mm <sup>2</sup> ,<br>0.49 mm <sup>2</sup> | 108                | 2                | 563711   | NEBC-M9W5-K-2-N-LE3 |
|                       |   | 250                | 5                | 563712   | NEBC-M9W5-K-5-N-LE3 |