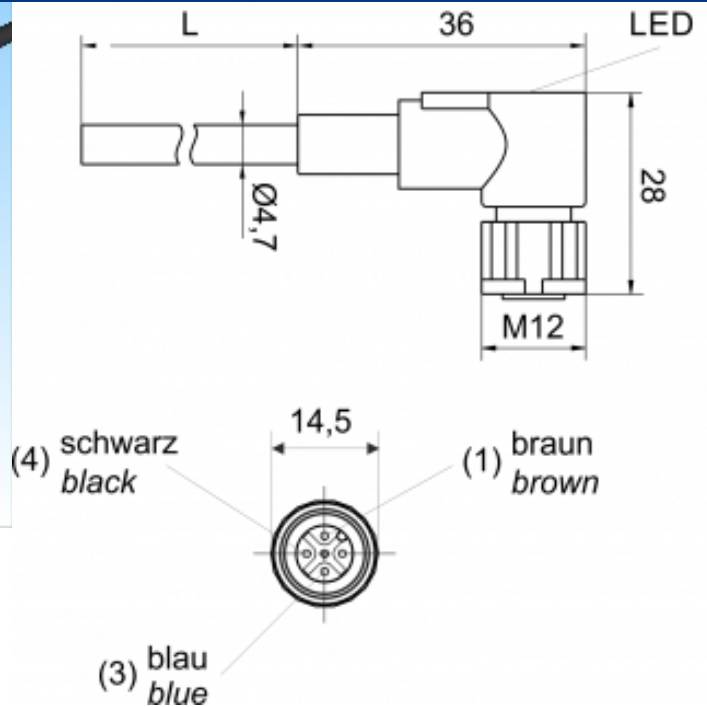


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**Product Description**

**connector M12**



|              |                                                                                            |
|--------------|--------------------------------------------------------------------------------------------|
| Name         | V2-3/W/P/PNP/2L/2m                                                                         |
| Order number | 44505126310                                                                                |
| Matchcode    | 9512-6310                                                                                  |
| Connection   |  Socket |
| Leaving      | gewinkelt                                                                                  |

**Technical Specification**

|                       |                                |
|-----------------------|--------------------------------|
| Special features      | Flexible cable conduit capable |
|                       | Silicon-free                   |
| Signal type           | connector                      |
| Max. load current     | 4 A                            |
| Operating temperature | -25 ° C to 80 ° C              |
| Operating state       | LED                            |
| Switching state       | LED                            |
| Cable                 | offen                          |
| Number of terminals   | 3                              |
| Contact resistance    | ≤ 5 mΩ                         |
| Isolation resistance  | ≥ 100 MΩ                       |
| Cable length          | 2 m                            |

Allgemeine Kennwerte

|                           |                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------|
| Utilisation category      | 3                                                                                           |
| Contact durability        | ≥ 100                                                                                       |
| Contact material          | CuSn                                                                                        |
| Contact surface material  | Ni/Au                                                                                       |
| Contact holder            | PUR                                                                                         |
| Shell type material       | PUR                                                                                         |
| Knurled nut material      | Messing vernickelt                                                                          |
| Sealing material          | NBR                                                                                         |
| Kennwerte Leitung         |                                                                                             |
| Cable material            | PUR                                                                                         |
| Cover material            | Li9Y11Y                                                                                     |
| Wire isolation material   | TPM                                                                                         |
| Wire material             | Cu Litze                                                                                    |
| Wiring diameter           | 3x0,34                                                                                      |
| Signal wire structure     | 42x0,10mm                                                                                   |
| Conductor diameter        | 1,27 mm 0,02 mm                                                                             |
| Outer cover diameter      | 4,30 mm ± 0,2 mm                                                                            |
| Conductor colour          | braun, blau, schwarz                                                                        |
| Cover colour              | schwarz                                                                                     |
| Wire resistance           | max. 58Ω/km                                                                                 |
| Nominal operating voltage | 24 V                                                                                        |
| Test voltage unit         | 3000 V                                                                                      |
| Flame-retardant           | nach UL-Style 20549                                                                         |
| Halogen-free              | nach DIN VDE 0472 Teil 815                                                                  |
| Oil-resistant             | nach DIN EN 60811-2-1                                                                       |
| Other resistances         | Highly resistant to acids, alkaline solutions and solvents, hydrolsis and microbe resistant |

**Errors and omissions exceptet**