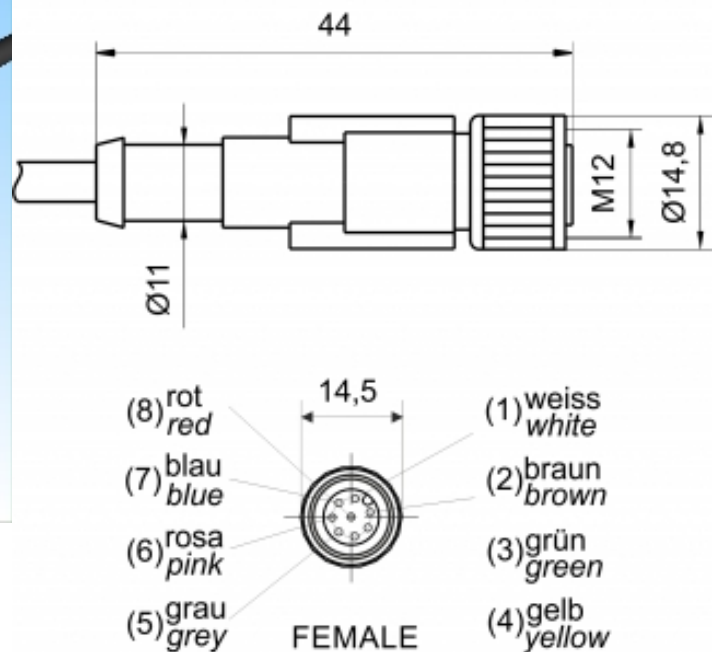


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**Product Description**

**connector M12**



|              |                                                                                            |
|--------------|--------------------------------------------------------------------------------------------|
| Name         | V2-8/P/2m                                                                                  |
| Order number | 44500001910                                                                                |
| Connection   |  Socket |
| Leaving      | gerade                                                                                     |

**Technical Specification**

|                                  |                   |
|----------------------------------|-------------------|
| Special features                 | Silicone-free     |
| Signal type                      | connector         |
| Operating temperature            | -25 ° C to 80 ° C |
| Cable                            | offen             |
| Number of terminals              | 8                 |
| Rated operating current at 40° C | 2 A               |
| Rated operating voltage          | 30 V              |
| Contact resistance               | ≤ 5 mΩ            |
| Isolation resistance             | ≥ 100 MΩ          |
| Cable length                     | 2 m               |
| Utilisation category             | 3                 |
| Contact durability               | ≥ 100             |
| Contact material                 | CuZn              |
| Contact surface material         | Ni/Au             |
| Contact holder                   | TPU               |
| Shell type material              | TPU               |

|                           |                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------|
| Knurled nut material      | Messing vernickelt                                                                           |
| Sealing material          | NBR                                                                                          |
| Cable material            | PUR                                                                                          |
| Cover material            | Li9Y11Y                                                                                      |
| Wire isolation material   | PP                                                                                           |
| Wire material             | Cu Litze                                                                                     |
| Wiring diameter           | 8x0,25                                                                                       |
| Signal wire structure     | 32x0,10mm                                                                                    |
| Conductor diameter        | 1,17 mm 0,02 mm                                                                              |
| Outer cover diameter      | 5,9 mm 0,15 mm                                                                               |
| Conductor colour          | braun, blau, weiß, grau, rosa, rot, gelb, grün                                               |
| Cover colour              | schwarzgrau RAL 7021                                                                         |
| Wire resistance           | max. 78Ω/km                                                                                  |
| Nominal operating voltage | ≤ 300 V                                                                                      |
| Test voltage unit         | ≥ 3000                                                                                       |
| 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, hydrolisis and microbe resistant |

**Errors and omissions exceptet**