

## Cable connector V3-WM-2M-PUR

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- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Halogen-free
- Suitable for 2- and 3-wire technology

Datasheet as PDF in following languages:

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| Technical Data: V3-WM-2M-PUR       |                                                                                                    |
|------------------------------------|----------------------------------------------------------------------------------------------------|
| Product Description                |                                                                                                    |
| Cable socket, M8, 3-pin, PUR cable |                                                                                                    |
| General specifications             |                                                                                                    |
| Number of pins                     | 3                                                                                                  |
| Connection 1                       | female connector                                                                                   |
| Construction type 1                | right angle                                                                                        |
| Threading 1                        | M8                                                                                                 |
| Connection 2                       | cable end                                                                                          |
| Electrical specifications          |                                                                                                    |
| Operating voltage                  | max. 60 V DC                                                                                       |
| Test voltage                       | > 1500 V <sub>eff</sub> AC                                                                         |
| Operating current                  | max. 4 A                                                                                           |
| Volume resistance                  | < 5 mΩ                                                                                             |
| Ambient conditions                 |                                                                                                    |
| Ambient temperature                | -25 ... 100 °C (-13 ... 212 °F)<br>for temperatures over 80 °C (176 °F) reduced elongation at tear |
| Pollution Degree                   | 3                                                                                                  |
| Mechanical specifications          |                                                                                                    |
| Contact elements                   | spring-loaded contact socket                                                                       |
| Pin diameter                       | 1 mm                                                                                               |
| Protection degree                  | IP67                                                                                               |
| Material                           |                                                                                                    |
| Contacts                           | CuSn / Au                                                                                          |
| Contact surface                    | Au                                                                                                 |
| Body                               | TPU, green                                                                                         |
| Cable                              | PUR                                                                                                |
| Slotted nut                        | Diecast zinc                                                                                       |
| Core insulation                    | PP                                                                                                 |
| Cable                              |                                                                                                    |
| Sheath diameter                    | ø4.8 mm                                                                                            |
| Bending radius                     | > 10 x cable diameter, appropriate for conveyor chains                                             |
| Color                              | grey                                                                                               |
| Cores                              | 3 x 0.34 mm <sup>2</sup>                                                                           |
| Conductor construction             | 19 x 0.15 mm ø                                                                                     |
| Length                             | 2 m                                                                                                |
| Flammability                       |                                                                                                    |
| Contact material                   | 94 V-2                                                                                             |
| Housing                            | 94 V-2                                                                                             |

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| CAD+CAE: V3-WM-2M-PUR              |           |           |
|------------------------------------|-----------|-----------|
| CAD                                | File Type | File Size |
| <a href="#">3D Modell/3D model</a> | IGS       | 719 KB    |
| <a href="#">3D Modell/3D model</a> | STP       | 414 KB    |

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Associated Products: V3-WM-2M-PUR

| Accessory of                                  | Name                          |
|-----------------------------------------------|-------------------------------|
| <a href="#">ML100-8-1000-RT/98/102</a>        | Diffuse mode sensor           |
| <a href="#">NMB1,5-8GM50-E0-FE-V3</a>         | Inductive sensor              |
| <a href="#">NMB1,5-8GM35-E2-FE-150MM-V3</a>   | Inductive sensor              |
| <a href="#">NMB1,5-8GM35-E0-FE-150MM-V3</a>   | Inductive sensor              |
| <a href="#">NBB1,5-6,5S50-E2-V3</a>           | Inductive sensor              |
| <a href="#">NBB1,5-6,5S40-E3-V3</a>           | Inductive sensor              |
| <a href="#">NBB1,5-6,5S20-E3-V3</a>           | Inductive sensor              |
| <a href="#">M100/MV100-RT/35/76b/98/102</a>   | Thru-beam sensor              |
| <a href="#">M100/MV100-RT/35/76a/98/103</a>   | Thru-beam sensor              |
| <a href="#">NBB2-V3-E2</a>                    | Inductive sensor              |
| <a href="#">NBB2-V3-E2-0,2M-V3</a>            | Inductive sensor              |
| <a href="#">MLV41-8-H-350-RT/40a/98/110</a>   | Background suppression sensor |
| <a href="#">NBN8-F1-E3-V3</a>                 | Inductive sensor              |
| <a href="#">NBB1,5-8GM40-E2-V3</a>            | Inductive sensor              |
| <a href="#">NRB2-8GS50-E2-V3</a>              | Inductive sensor              |
| <a href="#">NRN6-8GS50-E2-V3</a>              | Inductive sensor              |
| <a href="#">NRB2-6,5S50-E2-V3</a>             | Inductive sensor              |
| <a href="#">NRN6-6,5S50-E2-V3</a>             | Inductive sensor              |
| <a href="#">NMB1,5-8GM35-E2-C-FE-150MM-V3</a> | Inductive sensor              |
| <a href="#">ML100-55/98/102</a>               | Retroreflective sensor        |
| <a href="#">NMB1,5-8GM50-E2-FE-V3</a>         | Inductive sensor              |
| <a href="#">M100/MV100-RT/35/76a/95/103</a>   | Thru-beam sensor              |
| <a href="#">M100/MV100-RT/76a/98/103</a>      | Thru-beam sensor              |
| <a href="#">M100/MV100-RT/76a/95/103</a>      | Thru-beam sensor              |
| <a href="#">M100/MV100-RT/76b/95/102</a>      | Thru-beam sensor              |
| <a href="#">M100/MV100-IR/76a/95/103</a>      | Thru-beam sensor              |
| <a href="#">NMB3-8GM50-E2-V3</a>              | Inductive sensor              |
| <a href="#">ML100-8-H-350-RT/98/102</a>       | Background suppression sensor |
| <a href="#">NBB1,5-F79-E0-0,1M-V3</a>         | Inductive sensor              |
| <a href="#">NBB1,5-F79-E2-0,1M-V3</a>         | Inductive sensor              |
| <a href="#">M100/MV100-RT/35/76b/95/102</a>   | Thru-beam sensor              |
| <a href="#">NBB1,5-F41-E2-V3</a>              | Inductive sensor              |
| <a href="#">NBB1,5-F41-E3-V3</a>              | Inductive sensor              |
| <a href="#">NBB1,5-F41A-E2-V3</a>             | Inductive sensor              |
| <a href="#">NJ1,5-F2-E2-V3</a>                | Inductive sensor              |
| <a href="#">NCB1,5-8GM50-Z0-V3</a>            | Inductive sensor              |
| <a href="#">NCN2-8GM50-Z0-V3</a>              | Inductive sensor              |
| <a href="#">FT5 50.000/0679</a>               | Inductive sensor              |
| <a href="#">NBB4-F1-E2-V3</a>                 | Inductive sensor              |
| <a href="#">NBB4-F1-E2-V3-Y218699</a>         | Inductive sensor              |
| <a href="#">NBN8-F1-E0-V3</a>                 | Inductive sensor              |
| <a href="#">NBN8-F1-E2-V3</a>                 | Inductive sensor              |
| <a href="#">NBB2-V3-E2-V3</a>                 | Inductive sensor              |
| <a href="#">NBB2-F41-E2-V3</a>                | Inductive sensor              |
| <a href="#">NJ1,5-6,5-40-E2-V3</a>            | Inductive sensor              |
| <a href="#">NEB3-8GM50-E2-V3</a>              | Inductive sensor              |
| <a href="#">NJ1,5-6,5-40-E0-V3</a>            | Inductive sensor              |
| <a href="#">NBB2-6,5M25-E2-V3</a>             | Inductive sensor              |
| <a href="#">NBB2-8GM25-E2-V3</a>              | Inductive sensor              |
| <a href="#">NBN3-8GM25-E2-V3</a>              | Inductive sensor              |
| <a href="#">NBB1,5-8GS40-E2-T-V3</a>          | Inductive sensor              |
| <a href="#">NJ1,5-8GM40-E2-V3</a>             | Inductive sensor              |
| <a href="#">NBB1,5-8GM40-E2-C-V3</a>          | Inductive sensor              |
| <a href="#">NBB4-12GM30-E2-V3</a>             | Inductive sensor              |
| <a href="#">NBN2-8GM50-Z3-V3</a>              | Inductive sensor              |
| <a href="#">NBN2-8GM50-Z1-V3</a>              | Inductive sensor              |
| <a href="#">NBN3-8GM45-E2-V3</a>              | Inductive sensor              |
| <a href="#">NBB2-6,5M25-E3-V3</a>             | Inductive sensor              |
| <a href="#">NBB2-8GM25-E3-V3</a>              | Inductive sensor              |
| <a href="#">NBN3-8GM25-E3-V3</a>              | Inductive sensor              |
| <a href="#">MB60-8GM50-E2-V3</a>              | Magnetic field sensor         |
| <a href="#">NEN6-8GM45-E2-V3</a>              | Inductive sensor              |
| <a href="#">NBB0,8-5GM25-E2-V3</a>            | Inductive sensor              |
| <a href="#">NEB4-8GM50-E2-V3</a>              | Inductive sensor              |
| <a href="#">NBB2-8GM25-E1-V3</a>              | Inductive sensor              |
| <a href="#">NBN3-8GM25-E1-V3</a>              | Inductive sensor              |
| <a href="#">NBN3-6,5M25-E1-V3</a>             | Inductive sensor              |
| <a href="#">NBB2-6,5M25-E0-V3</a>             | Inductive sensor              |

|                                                  |                               |
|--------------------------------------------------|-------------------------------|
| <a href="#"><u>NBB2-8GM25-E0-V3</u></a>          | Inductive sensor              |
| <a href="#"><u>NBN3-8GM25-E0-V3</u></a>          | Inductive sensor              |
| <a href="#"><u>NMB1,5-8GM65-E2-FE-V3</u></a>     | Inductive sensor              |
| <a href="#"><u>NMB1,5-8GM65-E0-FE-V3</u></a>     | Inductive sensor              |
| <a href="#"><u>NCB1,5-8GM50-Z1-V3</u></a>        | Inductive sensor              |
| <a href="#"><u>NEB3-8GM50-E-V3</u></a>           | Inductive sensor              |
| <a href="#"><u>NBN3-6,5M25-E2-V3</u></a>         | Inductive sensor              |
| <a href="#"><u>NBB1,5-5GM25-E2-V3</u></a>        | Inductive sensor              |
| <a href="#"><u>NBB1,5-F41A-E3-V3</u></a>         | Inductive sensor              |
| <a href="#"><u>NCN2-8GM50-Z1-V3</u></a>          | Inductive sensor              |
| <a href="#"><u>NBB4-F1-E0-V3-Y218696</u></a>     | Inductive sensor              |
| <a href="#"><u>NBB4-F1-E0-V3</u></a>             | Inductive sensor              |
| <a href="#"><u>NJ2-8GM40-E0-V3</u></a>           | Inductive sensor              |
| <a href="#"><u>NBB1,5-8GM50-Z3-V3</u></a>        | Inductive sensor              |
| <a href="#"><u>NBB2-8GM40-E2-V3</u></a>          | Inductive sensor              |
| <a href="#"><u>NBB0,8-5GM25-E0-V3</u></a>        | Inductive sensor              |
| <a href="#"><u>NBB1,5-4M25-E3-V3-Y228438</u></a> | Inductive sensor              |
| <a href="#"><u>NBB1,5-5GM25-E3-V3</u></a>        | Inductive sensor              |
| <a href="#"><u>NBB2-6,5M25-E1-V3</u></a>         | Inductive sensor              |
| <a href="#"><u>NBN3-6,5M25-E0-V3</u></a>         | Inductive sensor              |
| <a href="#"><u>PMI14V-F112-U-V3</u></a>          | Inductive positioning system  |
| <a href="#"><u>NMB3-8GM35-E0-150MM-V3</u></a>    | Inductive sensor              |
| <a href="#"><u>NMB3-8GM35-E2-150MM-V3</u></a>    | Inductive sensor              |
| <a href="#"><u>NMB3-8GM50-E0-V3</u></a>          | Inductive sensor              |
| <a href="#"><u>ML100-55/98/103</u></a>           | Retroreflective sensor        |
| <a href="#"><u>ML100-8-H-350-RT/98/103</u></a>   | Background suppression sensor |
| <a href="#"><u>ML100-8-1000-RT/98/103</u></a>    | Diffuse mode sensor           |
| <a href="#"><u>M100/MV100-RT/76b/98/102</u></a>  | Thru-beam sensor              |
| <a href="#"><u>NBB1,5-6,5S40-E1-V3</u></a>       | Inductive sensor              |
| <a href="#"><u>NBB1,5-6,5S40-E2-V3</u></a>       | Inductive sensor              |
| <a href="#"><u>NBB1,5-6,5S20-E2-V3</u></a>       | Inductive sensor              |
| <a href="#"><u>NBB1,5-6,5S30-E2-0,3M-V3</u></a>  | Inductive sensor              |
| <a href="#"><u>NBB1,5-6,5S40-E0-V3</u></a>       | Inductive sensor              |

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