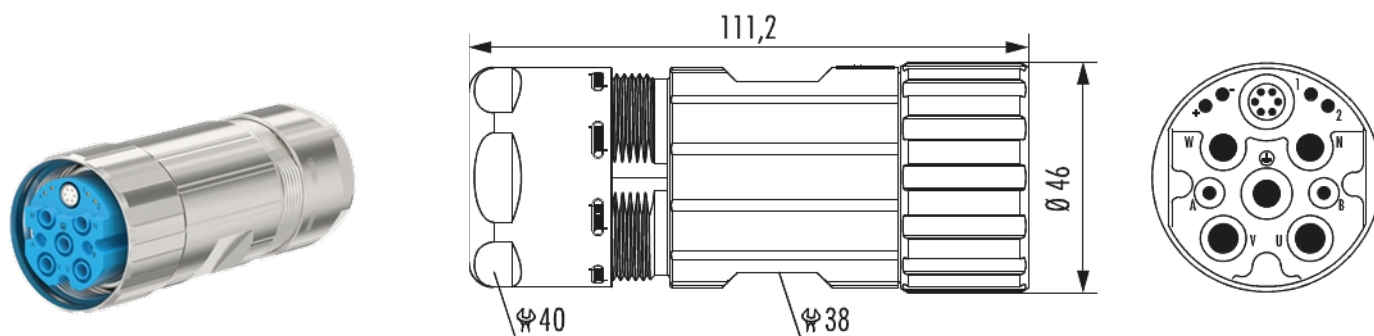


# Housing incl. insert cable connector M40

## Power - 6+6+4+PE

Item number 7710766000



### Technical data

|                              |                 |
|------------------------------|-----------------|
| Housing type                 | Cable           |
| Material housing             | Zinc Die Cast   |
| Material housing surface     | Nickel          |
| Insert                       | Socket          |
| Installation type            | -               |
| Version                      | Screw           |
| External thread plug-in side | -               |
| Internal thread plug-in side | M40 x 1,5       |
| Knurled nut-Ø plug-in side   | 46 mm           |
| TWILOCK thread               | -               |
| Locking type                 | Screw           |
| Shield                       | shielded        |
| Seal type                    | O-Ring          |
| Material seals/o-rings       | FKM (FPM) , NBR |
| Cable diameter               | 17 - 24 mm      |
| Length (L)                   | 111.2 mm        |



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|                               |                             |
|-------------------------------|-----------------------------|
| Wrench size (SW1/SW2)         | 40/38 mm                    |
| Temperature range             | -40°C to +125°C             |
| Degree of Protection          | 3                           |
| Protection class              | IP 67 , IP 69 K             |
| Characteristic of connection  | Crimp                       |
| Number of poles               | 17                          |
| Pole picture                  | 6 + 6 + 4 + PE              |
| Color Ethernet insert         | white                       |
| Color contact insert          | blue                        |
| Material insulating body      | PBT                         |
| Material Ethernet insert      | PA 6                        |
| Number of contacts data       | 6                           |
| Number of contacts signal     | 6                           |
| Number of contacts power      | 4                           |
| Number of contacts PE         | 1                           |
| Contact-Ø data                | 0.6 mm                      |
| Contact-Ø signal              | 1 mm                        |
| Contact-Ø power               | 3.6 mm                      |
| Terminal cross section data   | 0,05 - 0,34 mm <sup>2</sup> |
| Terminal cross section signal | 0,14 - 1,5 mm <sup>2</sup>  |
| Terminal cross section power  | 2,5 - 16 mm <sup>2</sup>    |
| Crimp range                   | 0.05 - 16 mm <sup>2</sup>   |
| Nominal current data          | 1,2 A                       |
| Nominal current signal        | 7 A                         |
| Nominal current power         | 55 A                        |



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| Item number 7710766000                          |                                                   |
|-------------------------------------------------|---------------------------------------------------|
| Nominal voltage at degree of pollution 3 data   | 30 V~                                             |
| Nominal voltage at degree of pollution 3 signal | 150 V~                                            |
| Nominal voltage at degree of pollution 3 power  | 600 V~                                            |
| Test voltage data                               | 840 V~                                            |
| Test voltage signal                             | 840 V~                                            |
| Test voltage power                              | 4000 V~                                           |
| Insulation resistance data                      | 10 <sup>8</sup>                                   |
| Insulation resistance signal                    | 10 <sup>8</sup>                                   |
| Insulation resistance power                     | 10 <sup>8</sup>                                   |
| max. contact resistance data                    | 0,003 mOhm                                        |
| max. contact resistance signal                  | 3 mOhm                                            |
| max. contact resistance power                   | 1 mOhm                                            |
| Minimum mating cycles                           | > 500                                             |
| Suitable data contacts                          | 7010960612                                        |
| Suitable Signal contacts                        | 7015961002 , 7015961012                           |
| Suitable power contacts                         | 7015963602 , 7015963612 , 7015963622 , 7015963632 |
| Suitable PE-/FE-contacts                        | 7015963602 , 7015963612 , 7015963622 , 7015963632 |



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### Commercial data

|                       |               |
|-----------------------|---------------|
| Packaging Unit        | 5             |
| EAN code              | 4033878012475 |
| Weight                | 0.40112 kg    |
| ETIM 7                | EC002635      |
| ETIM 8                | EC002635      |
| ETIM 9                | EC002635      |
| eCl@ss 10.1           | 27440102      |
| Customs tariff number | 85366990      |

Note:

