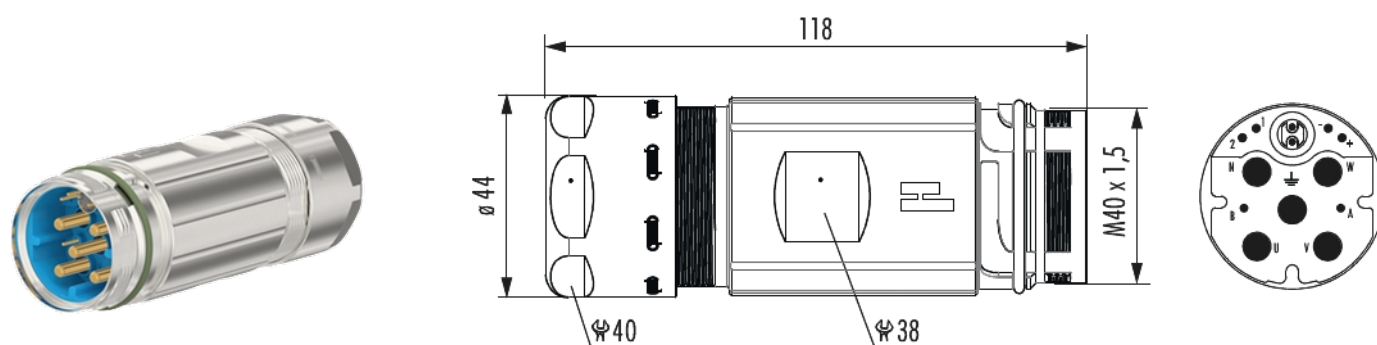


# Housing incl. Insert TWILOCK-S cable connector M40 Power - 2+6+4+PE

Item number 772076200S



## Technical data

|                              |                 |
|------------------------------|-----------------|
| Housing type                 | Coupler         |
| Material housing             | Zinc Die Cast   |
| Material housing surface     | Nickel          |
| Insert                       | Pin             |
| Version                      | TWILOCK-S       |
| External thread plug-in side | M40 x 1,5       |
| TWILOCK thread               | M40 x 1,5       |
| Shield                       | shielded        |
| Seal type                    | O-Ring          |
| Material seals/o-rings       | FKM (FPM) , NBR |
| Cable diameter               | 17 - 24 mm      |
| Length (L)                   | 118 mm          |
| 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 |



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|                                                 |                            |
|-------------------------------------------------|----------------------------|
| Characteristic of connection                    | Crimp                      |
| Number of poles                                 | 13                         |
| Pole picture                                    | 2 + 6 + 4 + PE             |
| Color Ethernet insert                           | white                      |
| Color contact insert                            | blue                       |
| Material insulating body                        | PBT                        |
| Material Ethernet insert                        | PA 6                       |
| Number of contacts data                         | 2                          |
| Number of contacts signal                       | 6                          |
| Number of contacts power                        | 4                          |
| Number of contacts PE                           | 1                          |
| Contact-Ø data                                  | 1 mm                       |
| Contact-Ø signal                                | 1 mm                       |
| Contact-Ø power                                 | 3.6 mm                     |
| Terminal cross section data                     | 0,14 – 1 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                                     | 0.14 – 16 mm <sup>2</sup>  |
| Nominal current data                            | 1,2 A                      |
| Nominal current signal                          | 7 A                        |
| Nominal current power                           | 55 A                       |
| Nominal voltage at degree of pollution 3 data   | 30 V~                      |
| Nominal voltage at degree of pollution 3 signal | 150 V~                     |



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|                                                |                                                   |
|------------------------------------------------|---------------------------------------------------|
| 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                                            |
| Flammability                                   | V-0 (UL 94)                                       |
| Minimum mating cycles                          | > 500                                             |
| Suitable data contacts                         | 7015961001                                        |
| Suitable Signal contacts                       | 7015961001 , 7015961011                           |
| Suitable power contacts                        | 7015963601 , 7015963611 , 7015963621 , 7015963631 |
| Suitable PE-/FE-contacts                       | 7015963601 , 7015963611 , 7015963621 , 7015963631 |



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## Commercial data

|                       |               |
|-----------------------|---------------|
| Packaging Unit        | 5             |
| EAN code              | 4033878012567 |
| Weight                | 0.34369 kg    |
| ETIM 7                | EC002635      |
| ETIM 8                | EC002635      |
| ETIM 9                | EC002635      |
| eCl@ss 10.1           | 27440102      |
| Customs tariff number | 85366990      |

Note:

