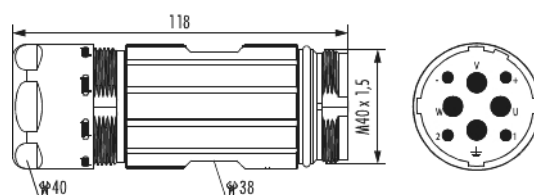


# Housing incl. insert cable connector M40

## Power - 8-pole

Item number 7720643000



### Technical data

Housing type	Coupler
Material housing	brass , Zinc Die Cast
Material housing surface	Nickel
Insert	Pin
Version	Screw
External thread plug-in side	M40 x 1,5
Knurled screw- $\varnothing$ plug-in side	40 mm
Locking type	Screw
Shield	shielded
Seal type	O-Ring
Material seals/o-rings	FKM (FPM) , NBR
Wrench size (SW1/SW2)	40/38 mm
Cable diameter	13 - 18 mm
Length (L)	118 mm
Temperature range	-40 °C to +125 °C
Degree of Protection	3



# Housing incl. insert cable connector M40

## Power - 8-pole

Item number 7720643000

Protection class	IP 67 , IP 69 K
Characteristic of connection	Crimp
Number of poles	8
Pole picture	4 + 3 + PE
Color contact insert	blue
Material insulating body	PBT
Number of contacts signal	4
Number of contacts power	3
Number of contacts PE	1
Contact-Ø signal	2 mm
Contact-Ø power	3.6 mm
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 signal	28 A
Nominal current power	55 A
Nominal voltage at degree of pollution 3 signal	300 V <sup>~</sup>
Nominal voltage at degree of pollution 3 power	600 V <sup>~</sup>
Test voltage signal	2500 V <sup>~</sup>
Test voltage power	4000 V <sup>~</sup>
Insulation resistance signal	> 10 <sup>13</sup>
Insulation resistance power	> 10 <sup>13</sup>
max. contact resistance signal	3 mOhm



# Housing incl. insert cable connector M40

## Power - 8-pole

Item number 7720643000

<b>max. contact resistance power</b>	1 mOhm
<b>Minimum mating cycles</b>	> 500
<b>Suitable Signal contacts</b>	7015952001
<b>Suitable power contacts</b>	7015953601 , 7015953611 , 7015953621 , 7015953622 , 7015953631
<b>Suitable PE-/FE-contacts</b>	7015953601 , 7015953611 , 7015953621 , 7015953623 , 7015953631



# Housing incl. insert cable connector M40

## Power - 8-pole

Item number 7720643000

### Commercial data

Packaging Unit	5
EAN code	4033878504390
Weight	0.0342 kg
ETIM 7	EC002635
ETIM 8	EC002635
ETIM 9	EC002635
eCl@ss 10.1	27440102
Customs tariff number	85366990

Note:

