

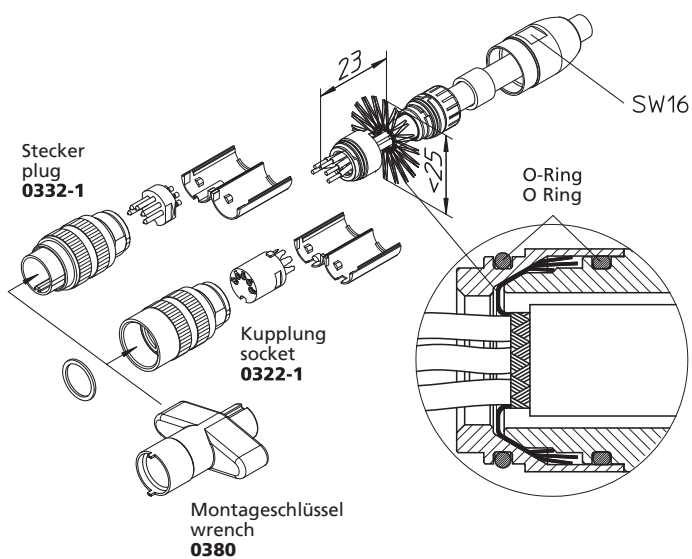
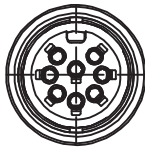
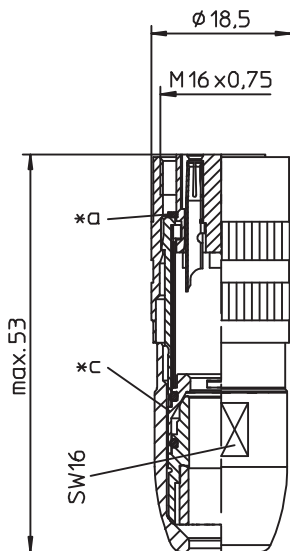
03 0322-1

Circular connectors with threaded joint M16 acc. to IEC 61076-2-106, IP40/IP67/IP68



Socket acc. to AISG specification and IEC 61076-2-106,
IP68, with threaded joint and solder terminals, shielded at
360°

03 0322-1



Environmental conditions

Temperature range	-40 °C/+85 °C
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Materials

Insulating body	PA GF, V-0 according to UL94
Contact bush	CuZn, silver-plated and flash gold-plated
Housing	CuZn, nickel-plated
Knurled nut	CuZn, nickel-plated
Seal	NBR

Mechanical data

Insertion force/contact	≤ 5.0 N ¹
Withdrawal force/contact	≥ 1.2 N ¹
Tightening torque connector	1-3 Nm
Tightening torque nut	1-3 Nm
Protection class	IP68 ²

¹ measured with a polished steel pin, nominal thickness 1.5 mm

² according to IEC DIN EN 60529, only in locked condition with an appropriate counterpart; IPX8 requirements under agreement between manufacturer and user

Connectable conductors for solder area

Section	≤ 0.75 mm ² (AWG 20)
Cable diameter	4-8 mm

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	5 A (T _{amb} 40 °C)
Rated voltage	60 V
Rated impulse voltage	1000 V
Insulation resistance	> 100 MΩ

Associated products

Counterparts		
☞ 0314	☞ 0314-1	☞ 0314-2
☞ 0315	☞ 0315-1	☞ 0315-1 U
☞ 0315-2	☞ 0316	☞ 0316-1
☞ 0316-2	☞ 0317	☞ 0317-1
☞ 0317-2	☞ 031798-1	☞ 031798-2
☞ 031799-2	☞ 0318	☞ 0318-1
☞ 0318-2	☞ 0331	☞ 0332

03

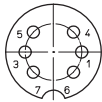
0322-1

Pin configurations, solder side view

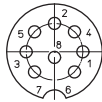


*d

0322-1 05-3



0322-1 06-1



08-a

0322-1 08-1

*a flat gasket

*c shielding

*d pin configuration according to AISG C485

☞ 0332-1

☞ 033200

☞ 0365

☞ 036500

Accessories

☞ 0322 C 16

☞ 0381

☞ 038199

☞ 038799

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0322-1

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0322-1 05-3	5	50	100
0322-1 08-1	8	50	100

Packaging:

sets of individual parts in plastic bags, in a cardboard box