

04 0404 ... S

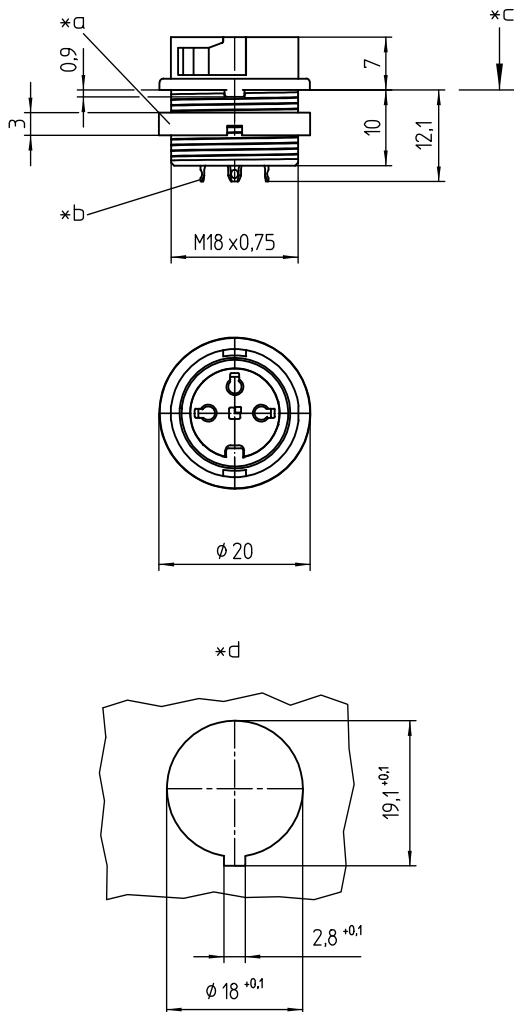
Circular connectors with bayonet locking M16B, IP40



Chassis socket with bayonet locking and solder terminals,  
for front mounting

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#### Environmental conditions

Temperature range -40 °C/+85 °C

#### Materials

Insulating body PA GF, V-0 according to UL94  
Contact pin CuZn, pre-nickel and silver-plated, passivated  
Housing PA GF, V-0 according to UL94  
Ring screw CuZn, nickel-plated

#### Mechanical data

Insertion force/contact < 5.0 N<sup>1</sup>  
Withdrawal force/contact ≥ 1.2 N<sup>1</sup>  
Tightening torque nut 1–2.5 Nm  
Thickness of mounting plate 1–4 mm  
Protection class IP40<sup>2</sup>

<sup>1</sup> measured with a polished steel pin, nominal thickness 1.5 mm

<sup>2</sup> according to IEC DIN EN 60529, only in locked condition with an appropriate counterpart

#### Connectable conductors for solder area

Section ≤ 0.75 mm<sup>2</sup> (AWG 20)

#### Electrical data (at T<sub>amb</sub> 20 °C)

Contact resistance ≤ 5 mΩ  
Rated current 5 A (T<sub>amb</sub> 40 °C)  
Rated voltage with pollution degree 1:  
300 V (versions 03, 04, 05-1, 06, 07)  
100 V (versions 05, 07-1, 08, 08-1)  
Rated impulse voltage 1500 V (versions 03, 04, 05-1, 06, 07)  
500 V (versions 05, 07-1, 08, 08-1)  
Material group II (IEC)/I (UL) (400 ≤ CTI < 600)  
Overvoltage category I  
Insulation resistance > 100 MΩ

#### Associated products

Counterparts  
☞ 0431 ... S

Accessories  
☞ 0384 ☞ 0385

Harnessing equipment  
☞ ZMS 20

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Pin configurations, solder side view



03-a  
0404 03 S



04-a  
0404 04 S



05-a  
0404 05-1 S



05-b  
0404 05 S



06-a  
0404 06 S



07-a  
0404 07 S



07-b  
0404 07-1 S



0404 08 S



08-a  
0404 08-1 S

- \*a nut enclosed separately
- \*b cup-shaped solder terminal
- \*c mounting direction
- \*d port in mounting plate

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| Designation | Pole Number | PU (Pieces) | MDQ (Pieces) |
|-------------|-------------|-------------|--------------|
| 0404 03 S   | 3           | 50          | 100          |
| 0404 04 S   | 4           | 50          | 100          |
| 0404 05 S   | 5           | 50          | 100          |
| 0404 05-1 S | 5           | 50          | 100          |
| 0404 06 S   | 6           | 50          | 100          |
| 0404 07 S   | 7           | 50          | 100          |
| 0404 07-1 S | 7           | 50          | 100          |
| 0404 08 S   | 8           | 50          | 100          |
| 0404 08-1 S | 8           | 50          | 100          |

**Packaging:**

preassembled, in a cardboard box