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| 22262015 | DATA SHEET |  |
| Valid from: 12.09.2019 | AB-C4-M12FST-M20-PO | |

Description

M12 Power connector, female, flush-type, 4-pos.,
T-coded, front / screw mounting with M20 thread,
can be positioned



Common values

| | |
|-----------------------------|--|
| M12 coding | T Power |
| Latching mechanism | Screwed |
| Cable outlet | 8 - 10 mm |
| Wire gauge (mm) | 0,75 - 1,50 mm ² |
| Wire gauge (AWG) | 18 - 16 |
| Upper temperature | + 85 °C |
| Lower temperature | - 40 °C |
| Material of contact | CuZn |
| Material of contact surface | Au |
| Material of contact body | PA |
| Material of housing | PA, zinc diecasting nickel plated |
| Material of cable seal | NBR |
| Locking torque | 0,6 Nm (M12-knurl) 1 Nm ... 1,4 Nm (screw down nut with sleeve housing) 0,6 Nm (connector module with sleeve housing) 0,4 Nm (screw terminal) |

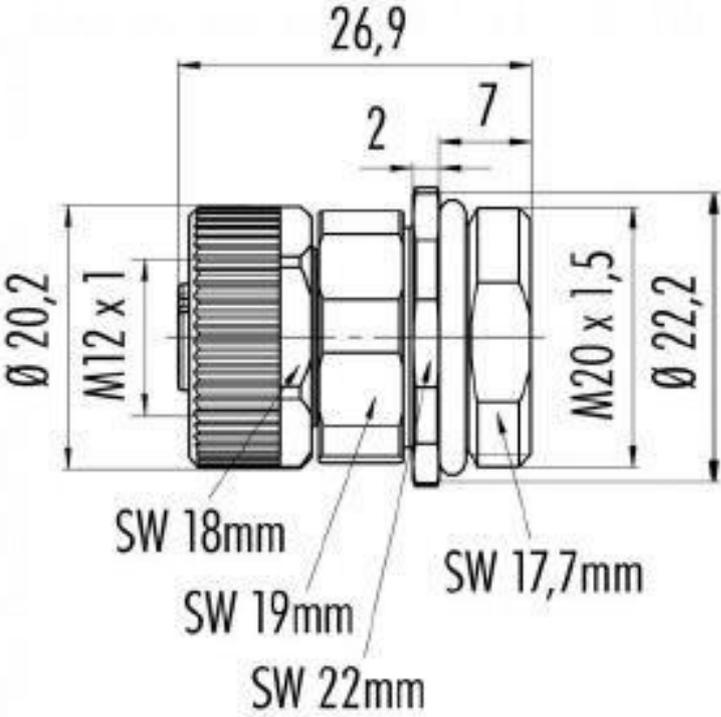
Electrical values

| | |
|-----------------------|---------------------|
| Rated voltage | 60 V |
| Rated impulse voltage | 1500 V |
| Pollution degree | 3 |
| Overvoltage category | III |
| Material group | III |
| Rated current (40°C) | 12 A |
| Contact resistance | ≤ 3 mΩ |
| Degree of protection | IP 67 |
| Mechanical operation | > 100 mating cycles |

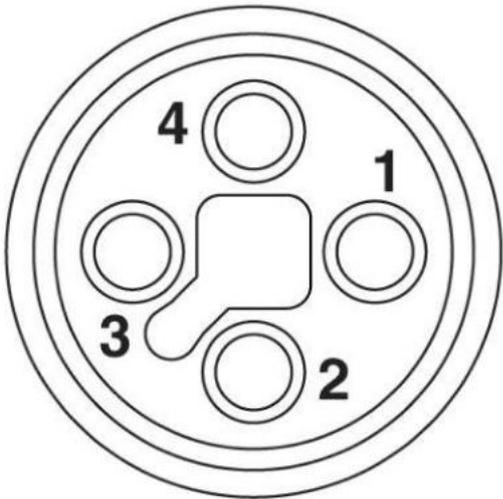
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Technical drawings and dimensions



Pole arrangement

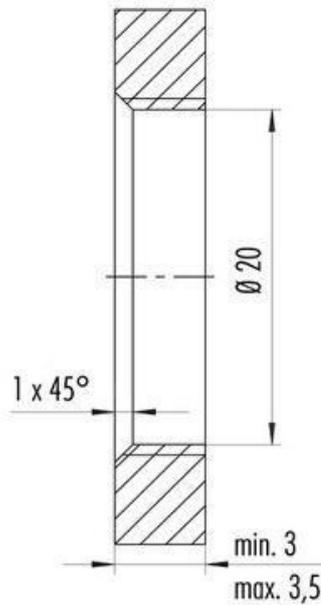
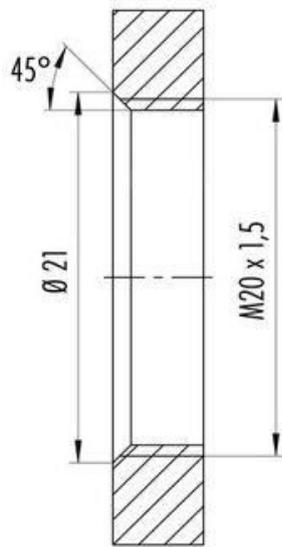


Front view - male side

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Mounting



Anzugsdrehmoment/Tightening moment
M20 x 1,5 5 Nm

Note

Applicable hex nut Lapp 5210 3020 SKINDICHT SM-M-20x105

Application range

Automation, industrial machinery and plant engineering

Note

Photographs are not true to scale and do not represent detailed images of the respective products.

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