



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Connector - SACC-M12FS-4PL - 1424693

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Connector, 4-position, Socket straight M12, A-coded, Push-in connection, knurl material: Plastic, external cable diameter 4 mm ... 8 mm

Why buy this product

- ✓ Easy and tool-free connection by means of Push-in Technology
- ✓ Conveniently connect stranded conductors, thanks to lever
- ✓ Reliable and quick connection of electric cables
- ✓ Flexible signal and data cabling
- ✓ Easy and tool-free connection by means of Push-in Technology
- ✓ Quick and easy installation, thanks to Push-in connection technology

RoHS

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 055626 376202 |
| GTIN | 4055626376202 |

Technical data

Dimensions

| | |
|---|---------------|
| Diameter housing | 19 mm |
| Length | 58 mm |
| External cable diameter | 4 mm ... 8 mm |
| Stripping length of the sheath | 24 mm |
| Stripping length of the individual wire | 8 mm |

Ambient conditions

| | |
|---------------------------------|----------------------------------|
| Ambient temperature (operation) | -40 °C ... 85 °C (Plug / socket) |
| Degree of protection | IP65 |
| | IP67 |

General

Connector - SACC-M12FS-4PL - 1424693

Technical data

General

| | |
|-----------------------------|--|
| Rated current at 40°C | 4 A |
| Rated voltage | 250 V |
| Number of positions | 4 |
| Color handle area | black |
| Insulation resistance | ≥ 100 MΩ |
| Coding | A - standard |
| Standards/regulations | M12 connector IEC 61076-2-101 |
| Status display | No |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Connection method | Push-in connection |
| Conductor cross section | 0.14 mm² ... 0.75 mm² (without ferrule) |
| | 0.08 mm² ... 0.5 mm² (with ferrule) |
| | 0.14 mm² ... 0.75 mm² (solid) |
| Conductor cross section AWG | 26 ... 18 (without ferrule) |
| | 28 ... 20 (with ferrule) |
| Insertion/withdrawal cycles | ≥ 100 |
| Torque | 0.4 Nm (M12 knurl) |
| | 0.4 Nm (Connector with coupling sleeve) |
| | 1.5 Nm (Pressure nut with coupling sleeve) |
| Assembly instructions | The wires can be connected both with ferrules and without ferrules |

Material

| | |
|--|---------|
| Flammability rating according to UL 94 | V0 |
| Contact material | CuSn |
| Contact surface material | Ni/Au |
| Contact carrier material | PA 6.6 |
| Material of grip body | PA 6.6 |
| Material, knurls | Plastic |
| Sealing material | NBR |

Standards and Regulations

| | |
|--|-----------------|
| Standard designation | M12 connector |
| Standards/regulations | IEC 61076-2-101 |
| Flammability rating according to UL 94 | V0 |

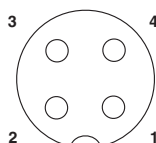
Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

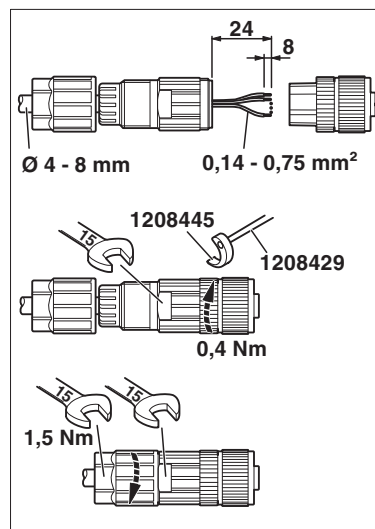
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Schematic diagram

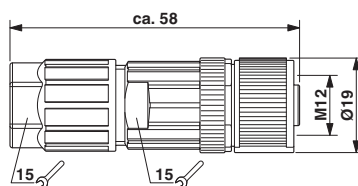


Pin assignment M12 socket, 4-pos., A-coded, view female side

Functional drawing



Dimensional drawing



M12 x 1 socket, straight

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC

EAC

EAC-Zulassung

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