

Connector - SACC-M12FS-5SC M - 1508200

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Connector, 5-position, Socket straight M12, A-coded, Spring-cage connection, Knurl material: Zinc die-cast, nickel-plated, External cable diameter 4 mm ... 8 mm

Why buy this product

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Flexible: connectors for on-site assembly
- ✓ Spring-cage connection: connect more securely, even in the case of shock and vibration, thanks to high contact forces

RoHS

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 017918 945954 |
| GTIN | 4017918945954 |

Technical data

Dimensions

| | |
|---|---------------|
| External cable diameter | 4 mm ... 8 mm |
| Stripping length of the sheath | 28 mm |
| Stripping length of the individual wire | 10 mm |

Ambient conditions

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

General

| | |
|-----------------------|--------------|
| Rated current at 40°C | 4 A |
| Rated voltage | 60 V |
| Number of positions | 5 |
| Insulation resistance | ≥ 100 MΩ |
| Coding | A - standard |

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Technical data

General

| | |
|-----------------------------|--|
| Standards/regulations | M12 connector IEC 61076-2-101 |
| Status display | No |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Connection method | Spring-cage connection |
| Conductor cross section | 0.14 mm ² ... 0.5 mm ² |
| Conductor cross section AWG | 26 ... 20 |
| 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 66 |
| Material of grip body | PA 66 |
| Material, knurls | Zinc die-cast, nickel-plated |
| Sealing material | Neoprene |

Cable

| | |
|--------------------------|-------------------------------|
| Standards/specifications | M12 connector IEC 61076-2-101 |
|--------------------------|-------------------------------|

Standards and Regulations

| | |
|--|-----------------|
| Standard designation | M12 connector |
| Standards/regulations | IEC 61076-2-101 |
| Connection in acc. with standard | CUL |
| Flammability rating according to UL 94 | V0 |

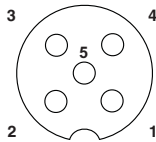
Environmental Product Compliance

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

Drawings

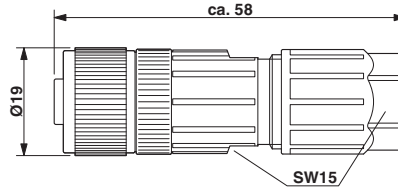
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Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

Dimensional drawing



M12 x 1 socket, straight

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approval details

| | | | |
|--------------------------------|-------|---|---------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 118976 |
| Nominal current I _N | 4 A | | |
| Nominal voltage U _N | 125 V | | |

| | | | |
|--------------------------------|-------|---|---------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 118976 |
| Nominal current I _N | 4 A | | |
| Nominal voltage U _N | 125 V | | |

| | | |
|-----|--|---------------|
| EAC | | EAC-Zulassung |
|-----|--|---------------|

| | | |
|-----|--|---------------------|
| EAC | | 7500651.22.01.00246 |
|-----|--|---------------------|

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Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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