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Sensor/actuator box, application: Standard, connection method: M12-SPEEDCON-socket Plastic, number of slots: 4, number of positions: 5, coding: A - standard, slot assignment: Double, status display: No, Universal; master cable connection: Fixed connection 180°, PUR/PVC, cable length: 5 m, shielding: no

Figure shows version with diagnostic and status indicator

Your advantages

- Safety in the field, thanks to molded housing and high degree of protection
- Flexible, distributed bundling of signals in one master cable
- Save space: distributor box with double occupancy for two sensors in one slot
- Save time, thanks to installation with SPEEDCON fast locking system



Key Commercial Data

| Packing unit | 1 pc |
|--------------|-----------------|
| GTIN | 4 046356 553803 |
| GTIN | 4046356553803 |

Technical data

General

| Rated voltage | 120 V AC | |
|--|--|--|
| | 120 V DC | |
| Current carrying capacity per I/O signal | 2 A | |
| Current carrying capacity per slot | 4 A | |
| Total rated current | 12 A | |
| Number of positions | 5 | |
| Number of slots | 4 | |
| Flammability rating according to UL 94 | V0 | |
| Sensor/actuator connection system | M12-SPEEDCON-socket | |
| Note | NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending | |



Technical data

General

| forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties. | |
|--|--|
| Unused slots are to be sealed off prior to commissioning. Suitable sealing elements are to be found under "Accessories". | |

Ambient conditions

| Degree of protection | IP65 | |
|---------------------------------|---|--|
| | IP67 | |
| Ambient temperature (operation) | -25 °C 80 °C | |
| | -40 °C 90 °C (for fixed installation) | |
| | -5 °C 80 °C (for flexible installation) | |

Master cable connection data

| Connection method | Fixed connection |
|--|------------------|
| Length of cable | 5 m |
| Tightening torque slot sensor/actuator cable | 0.4 Nm |
| Tightening torque of mounting screw for fixing the housing | 0.5 Nm |

Insulation material

| Housing material | РВТ |
|-------------------------------|-------------|
| Material of the moulding mass | PUR |
| Contact material | Cu alloy |
| Contact surface material | gold-plated |
| Contact carrier material | PA |
| Material of threaded sleeve | РВТ |
| O-ring material | NBR |

Pin assignment

| Slot/position = Wire color or connection | 1 / 4 (A) = WH |
|--|------------------------|
| | 1 / 2 (B) = GY/PK |
| | 2 / 4 (A) = GN |
| | 2 / 2 (B) = RD/BU |
| | 3 / 4 (A) = YE |
| | 3 / 2 (B) = WH/GN |
| | 4 / 4 (A) = GY |
| | 4 / 2 (B) = BN/GN |
| | 1-4 / 1 (+ 120 V) = BN |
| | 1-4 / 3 (0 V) = BU |
| | 1-4 / 5 (PE) = GN/YE |

Standards and Regulations

| Standard designation | M12 connector |
|----------------------------------|-----------------|
| Standards/regulations | IEC 61076-2-101 |
| Connection in acc. with standard | CUL |



Technical data

Standards and Regulations

| | Flancisk Transfer and a second section of | 1,10 | |
|--|---|--|--|
| Cable type (abbreviation) PUR/PVC black Cable type (abbreviation) PUR Cable abbreviation LYY11Y-HF Cable abbreviation 20549 Conductor cross section 8x 0.5 mm² (Signal line) AWG signal line 20 AWG signal line 20 AWG power supply 17 Conductor structure signal line 28x 0.15 mm Cord diameter including insulation 1.5 mm ±0.1 mm (Signal line) Core diameter including insulation 2.1 mm ±0.1 mm (Signal line) Wire colors brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/ blue, white/green, brown/green Were sheath thickness 0.15 mm External sheath, color black RAL 9005 Inner sheath thickness 2.0.15 mm Outer sheath thickness 2.0.38 mm Cuter sheath thickness 2.0.38 mm Outer sheath thickness 2.0.38 mm Outer sheath thickness 2.0 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, fixed installation 10 x D Vuber of bending cycles 2m | Flammability rating according to UL 94 | V0 | |
| Cable type (abbreviation) PUR Cable abbreviation LYY11Y-HF UL AWM style 20549 Conductor cross section 8x 0.5 mm² (Signal line) Conductor cross section 3x 1 mm² (power line) AWG signal line 20 AWG power supply 17 Conductor structure signal line 28x 0.15 mm Conductor structure, voltage supply 56x 0.15 mm Core diameter including insulation 1.5 mm ±0.1 mm (Signal line) Core diameter including insulation 1.5 mm ±0.1 mm (Signal line) Wire colors brown, blue, greenlyellow, white, green, yellow, gray, gray/pink, red/blue, white/green, brown/green Wire colors brown blue, white/green, brown/green Overall bitis 20.15 mm External sheath, color black RAL 9005 Inner sheath thickness 2 0.15 mm Outer sheath thickness 2 0.38 mm Inner sheath thickness 2 0.38 mm Outer sheath thickness 2 0.38 mm Inner of bending radius, flexible installation 7.5 x D Minimum bending radius, flexible installation 3 mm Taversing path <td>Cable</td> <td></td> | Cable | | |
| Cable abbreviation LiYY11Y-HF UL AWM style 20549 Conductor cross section 8x 0.5 mm² (Signal line) AWG signal line 2v AWG signal line 20 AWG power supply 17 Conductor structure signal line 28x 0.15 mm Conductor structure, voltage supply 56x 0.15 mm Core diameter including insulation 1.5 mm ±0.1 mm (Signal line) Croe diameter including insulation 1.5 mm ±0.1 mm (power line) Wire colors brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/ blue, white/green, brown/green Overall twist Wires twisted in layers External sheath, color black RAL 9005 Inner sheath thickness 2.0.35 mm External cable diameter D 8.7 mm ±0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, fixed installation 10 x D Number of bending cycles 1500000 Bending radius, flexible installation 2 m Traversing rate 2 m Cable weight 122 kg/km Outer sheath, material PVC | Cable type | PUR/PVC black | |
| UL AWM style 20549 Conductor cross section 8x 0.5 mm² (Signal line) AWG signal line 20 AWG signal line 20 AWG power supply 17 Conductor structure signal line 28x 0.15 mm Core diameter including insulation 1.5 mm ±0.1 mm (Signal line) Core diameter including insulation 1.5 mm ±0.1 mm (power line) Wire colors brown, blue, greenlyellow, white, green, yellow, gray, gray/pink, red/ blue, white/green, brown/green Overall twist Wires twisted in layers External sheath, color black RAL 9005 Inner sheath thickness > 0.15 mm External cable diameter D 8.7 mm ±0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, fixed installation 10 x D Number of bending radius, flexible installation 10 x D Traversing path 2 m Traversing rate 2 m Cable weight 2 m Cable weight PVC Material, inner sheath PVC Material conductor insulation PVC Condu | Cable type (abbreviation) | PUR | |
| Conductor cross section 8x 0.5 mm² (Signal line) AWG signal line 3x 1 mm² (power line) AWG power supply 17 Conductor structure signal line 28x 0.15 mm Conductor structure, voltage supply 56x 0.15 mm Cord diameter including insulation 1.5 mm ±0.1 mm (Signal line) User all twist brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/ blue, white/green, brown/green Overall twist Wirres whites din layers External sheath, color black RAL 9005 Inner sheath thickness 2 0.15 mm Outer sheath thickness 2 0.15 mm External cable diameter D 8.7 mm ±0.2 mm Minimum bending radius, fixed installation 10 x D Number of bending cycles 1500000 Bending radius 2 m/s Traversing path 2 m/s Traversing rate 2 m/s Cable weight 122 kg/km Outer sheath, material PVC Material, inner sheath PVC Material, inner sheath PVC Material, inner sheath Bare Quiltz wires | Cable abbreviation | LiYY11Y-HF | |
| AWG signal line 20 AWG power supply 17 Conductor structure signal line 28x 0.15 mm Conductor structure, voltage supply 56x 0.15 mm Core diameter including insulation 1.5 mm ± 0.1 mm (Signal line) Wire colors brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/butwell in layers External sheath, color black RAL 9005 Inner sheath thickness 2.0.38 mm External scheath, color 8.7 mm ± 0.2 mm Unter sheath thickness 2.0.38 mm External cable diameter D 8.7 mm ± 0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, fixed installation 10 x D Number of bending cycles 1500000 Bending radius 87 mm Traversing rate 2 m/s Cable weight 122 kg/km Outer sheath, material PVC Material, inner sheath PVC Material, inner sheath Bree Cu litz wires Nominal voltage, cable 300 V Test pottage, cable 300 V Flame resistance | UL AWM style | 20549 | |
| AWG signal line 20 AWG power supply 17 Conductor structure signal line 28x 0.15 mm Conductor structure, voltage supply 56x 0.15 mm Core diameter including insulation 1.5 mm ±0.1 mm (Signal line) Wire colors 2.1 mm ±0.1 mm (power line) Wire colors brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/ blue, white/green, brown/green Overall twist Wires twisted in layers External sheath, color black RAL 9005 Inner sheath thickness 2 0.15 mm Outer sheath thickness 2 0.38 mm External cable diameter D 8.7 mm ±0.2 mm Minimum bending radius, fixed installation 10 x D Minimum bending radius, fixed installation 10 x D Number of bending cycles 1500000 Bending radius 87 mm Traversing path 2 m/s Cable weight 122 kg/km Outer sheath, material PUR Material, inner sheath PVC Material, inner sheath PVC Conductor material Bare Cu litz wires Nominal | Conductor cross section | 8x 0.5 mm² (Signal line) | |
| AWG power supply 17 Conductor structure signal line 28x 0.15 mm Conductor structure, voltage supply 56x 0.15 mm Core diameter including insulation 1.5 mm ± 0.1 mm (Signal line) Wire colors 2.1 mm ± 0.1 mm (power line) Wire colors brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/blue, white/green, brown/green Overall twist Wire stwisted in layers External sheath, color black RAL 9005 Inner sheath thickness 2 0.15 mm Outer sheath thickness 2 0.15 mm External cable diameter D 8.7 mm ± 0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, fixel installation 10 x D Number of bending cycles 1500000 Bending radius 87 mm Traversing rath 2 m Cable weight 12 kg/km Unter sheath, material PVC Material conductor insulation PVC Conductor material Bare Cu litz wires Norminal voltage, cable 300 V Test voltage, cable 300 V | | 3x 1 mm² (power line) | |
| Conductor structure signal line 28 x 0.15 mm Conductor structure, voltage supply 56x 0.15 mm Core diameter including insulation 1.5 mm ±0.1 mm (Signal line) Wire colors 2.1 mm ±0.1 mm (power line) Wire colors brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/blue, white/green, brown/green Overall twist Wire stwisted in layers External sheath, color black RAL 9005 Inner sheath thickness ≥ 0.35 mm External cable diameter D 8.7 mm ±0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, fixed installation 10 x D Number of bending cycles 1500000 Bending radius 87 mm Traversing path 2 m/s Cable weight 122 kg/km Outer sheath, material PUR Material, inner sheath PVC Material conductor insulation PVC Conductor material Bare Cu litz wires Nominal voltage, cable 300 V Test voltage, cable 300 V Test voltage, cable Silicone-free | AWG signal line | 20 | |
| Conductor structure, voltage supply 56x 0.15 mm Core diameter including insulation 1.5 mm ±0.1 mm (Signal line) Wire colors brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/blue, white/green, brown/green Overall twist Wires twisted in layers External sheath, color black RAL 9005 Inner sheath thickness ≥ 0.15 mm Outer sheath thickness ≥ 0.38 mm External cable diameter D 8.7 mm ±0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, fixed installation 10 x D Number of bending cycles 1500000 Bending radius 87 mm Traversing path 2 m/s Traversing path 2 m/s Cable weight 122 kg/km Outer sheath, material PUR Material, inner sheath PVC Conductor insulation PVC Conductor material Bare Cu litz wires Nominal voltage, cable 300 V Test voltage, cable 300 V Flaine resistance DIN EN 50265 Resistance to oil | AWG power supply | 17 | |
| Core diameter including insulation 1.5 mm ±0.1 mm (Signal line) Wire colors 2.1 mm ±0.1 mm (power line) Wire colors brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/blue, white/green, brown/green Overall twist Wires twisted in layers External sheath, color black RAL 9005 Inner sheath thickness ≥ 0.15 mm Outer sheath thickness ≥ 0.38 mm External cable diameter D 8.7 mm ±0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, flexible installation 10 x D Number of bending cycles 1500000 Bending radius 87 mm Traversing path 2 m/s Cable weight 122 kg/km Outer sheath, material PUR Material, inner sheath PVC Material conductor insulation PVC Conductor material Bare Cu litz wires Nominal voltage, cable 2000 V Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil Highly resistant to acids, alkaline solutions and so | Conductor structure signal line | 28x 0.15 mm | |
| Wire colors 2.1 mm ±0.1 mm (power line) Wire colors brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/blue, white/green, brown/green Overall twist Wires twisted in layers External sheath, color black RAL 9005 Inner sheath thickness ≥ 0.15 mm Outer sheath thickness ≥ 0.38 mm External cable diameter D 8.7 mm ±0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, fixed installation 10 x D Number of bending cycles 1500000 Bending radius 87 mm Traversing path 2 m/s Cable weight 122 kg/km Outer sheath, material PUR Material, inner sheath PVC Material conductor insulation PVC Conductor material Bare Cu litz wires Nominal voltage, cable 2000 V Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil according to VDE 0472 Part 803 Other resistance Highly resistant to acids, alkaline solutions and solvents <td>Conductor structure, voltage supply</td> <td>56x 0.15 mm</td> | Conductor structure, voltage supply | 56x 0.15 mm | |
| Wire colors brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/blue, white/green, brown/green Overall twist Wires twisted in layers External sheath, color black RAL 9005 Inner sheath thickness 2 0.15 mm Outer sheath trickness 2 0.38 mm External cable diameter D 8.7 mm ±0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, flexible installation 10 x D Number of bending cycles 1500000 Bending radius 87 mm Traversing path 2 m/s Cable weight 122 kg/km Outer sheath, material PUR Material, inner sheath PVC Material conductor insulation PVC Material conductor material Bare Cu litz wires Nominal voltage, cable 300 V Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil Highly resistant to acids, alkaline solutions and solvents | Core diameter including insulation | 1.5 mm ±0.1 mm (Signal line) | |
| Wiles Overall twist blue, white/green, brown/green External sheath, color black RAL 9005 Inner sheath thickness ≥ 0.15 mm Outer sheath thickness ≥ 0.37 mm ± 0.2 mm External cable diameter D & 3.7 mm ± 0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, flexible installation 10 x D Number of bending cycles 1500000 Bending radius 87 mm Traversing path 2 m/s Cable weight 122 kg/km Outer sheath, material PUR Material, inner sheath PVC Material conductor insulation PVC Conductor material 380 V Test voltage, cable 300 V Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil Highly resistant to acids, alkaline solutions and solvents | | 2.1 mm ±0.1 mm (power line) | |
| External sheath, color black RAL 9005 Inner sheath thickness 2 0.15 mm Outer sheath thickness 2 0.38 mm External cable diameter D 8.7 mm ±0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, flexible installation 10 x D Number of bending cycles 1500000 Bending radius 87 mm Traversing path 2 m Traversing rate 2 m/s Cable weight 122 kg/km Outer sheath, material PUR Material, inner sheath PVC Material conductor insulation PVC Conductor material Bare Cu litz wires Nominal voltage, cable 300 V Test voltage, cable 2000 V Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil Highly resistant to acids, alkaline solutions and solvents | Wire colors | brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/blue, white/green, brown/green | |
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| Outer sheath thickness ≥ 0.38 mm External cable diameter D 8.7 mm ±0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, flexible installation 10 x D Number of bending cycles 1500000 Bending radius 87 mm Traversing path 2 m Traversing rate 2 m/s Cable weight 122 kg/km Outer sheath, material PUR Material, inner sheath PVC Material conductor insulation PVC Conductor material Bare Cu litz wires Nominal voltage, cable 300 V Test voltage, cable 2000 V Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil according to VDE 0472 Part 803 Other resistance Highly resistant to acids, alkaline solutions and solvents | External sheath, color | black RAL 9005 | |
| External cable diameter D 8.7 mm ±0.2 mm Minimum bending radius, fixed installation 7.5 x D Minimum bending radius, flexible installation 10 x D Number of bending cycles 1500000 Bending radius 87 mm Traversing path 2 m/ Traversing rate 2 m/s Cable weight 122 kg/km Outer sheath, material PUR Material, inner sheath PVC Material conductor insulation PVC Conductor material Bare Cu litz wires Nominal voltage, cable 300 V Test voltage, cable 2000 V Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil according to VDE 0472 Part 803 Other resistance Highly resistant to acids, alkaline solutions and solvents | Inner sheath thickness | ≥ 0.15 mm | |
| Minimum bending radius, fixed installation Minimum bending radius, flexible installation Number of bending cycles Bending radius Bending cycles Bending radius Bending cycles Bending c | Outer sheath thickness | ≥ 0.38 mm | |
| Minimum bending radius, flexible installation10 x DNumber of bending cycles1500000Bending radius87 mmTraversing path2 mTraversing rate2 m/sCable weight122 kg/kmOuter sheath, materialPURMaterial, inner sheathPVCMaterial conductor insulationPVCConductor materialBare Cu litz wiresNominal voltage, cable300 VTest voltage, cable2000 VSpecial propertiesSilicone-freeFlame resistanceDIN EN 50265Resistance to oilaccording to VDE 0472 Part 803Other resistance solutions and solvents | External cable diameter D | | |
| Number of bending cycles1500000Bending radius87 mmTraversing path2 mTraversing rate2 m/sCable weight122 kg/kmOuter sheath, materialPURMaterial, inner sheathPVCMaterial conductor insulationPVCConductor materialBare Cu litz wiresNominal voltage, cable300 VTest voltage, cable2000 VSpecial propertiesSilicone-freeFlame resistanceDIN EN 50265Resistance to oilaccording to VDE 0472 Part 803Other resistante solutions and solvents | Minimum bending radius, fixed installation | | |
| Bending radius87 mmTraversing path2 mTraversing rate2 m/sCable weight122 kg/kmOuter sheath, materialPURMaterial, inner sheathPVCMaterial conductor insulationPVCConductor materialBare Cu litz wiresNominal voltage, cable300 VTest voltage, cable2000 VSpecial propertiesSilicone-freeFlame resistanceDIN EN 50265Resistance to oilaccording to VDE 0472 Part 803Other resistance solutions and solvents | Minimum bending radius, flexible installation | 10 x D | |
| Traversing path 2 m/s Cable weight 122 kg/km Outer sheath, material PUR Material, inner sheath PVC Material conductor insulation PVC Conductor material Bare Cu litz wires Nominal voltage, cable 300 V Test voltage, cable 2000 V Special properties Silicone-free Flame resistance to oil According to VDE 0472 Part 803 Other resistance Highly resistant to acids, alkaline solutions and solvents | Number of bending cycles | 1500000 | |
| Traversing rate 2 m/s Cable weight 122 kg/km Outer sheath, material PUR Material, inner sheath PVC Material conductor insulation PVC Conductor material Bare Cu litz wires Nominal voltage, cable 300 V Test voltage, cable 2000 V Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil according to VDE 0472 Part 803 Other resistant to acids, alkaline solutions and solvents | Bending radius | 87 mm | |
| Cable weight Outer sheath, material Material, inner sheath Material conductor insulation PVC Material conductor material Bare Cu litz wires Nominal voltage, cable Test voltage, cable Silicone-free Flame resistance DIN EN 50265 Resistance to oil Other resistance Highly resistant to acids, alkaline solutions and solvents | Traversing path | 2 m | |
| Outer sheath, material Material, inner sheath Material conductor insulation PVC Material conductor insulation PVC Conductor material Bare Cu litz wires Nominal voltage, cable 300 V Test voltage, cable 2000 V Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil Other resistance Highly resistant to acids, alkaline solutions and solvents | Traversing rate | 2 m/s | |
| Material, inner sheathPVCMaterial conductor insulationPVCConductor materialBare Cu litz wiresNominal voltage, cable300 VTest voltage, cable2000 VSpecial propertiesSilicone-freeFlame resistanceDIN EN 50265Resistance to oilaccording to VDE 0472 Part 803Other resistanceHighly resistant to acids, alkaline solutions and solvents | Cable weight | 122 kg/km | |
| Material conductor insulationPVCConductor materialBare Cu litz wiresNominal voltage, cable300 VTest voltage, cable2000 VSpecial propertiesSilicone-freeFlame resistanceDIN EN 50265Resistance to oilaccording to VDE 0472 Part 803Other resistanceHighly resistant to acids, alkaline solutions and solvents | Outer sheath, material | PUR | |
| Conductor material Nominal voltage, cable 300 V Test voltage, cable 2000 V Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil according to VDE 0472 Part 803 Other resistance and solvents | Material, inner sheath | PVC | |
| Nominal voltage, cable Test voltage, cable 2000 V Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil Other resistance Highly resistant to acids, alkaline solutions and solvents | Material conductor insulation | PVC | |
| Test voltage, cable 2000 V Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil according to VDE 0472 Part 803 Other resistance Highly resistant to acids, alkaline solutions and solvents | Conductor material | Bare Cu litz wires | |
| Special properties Silicone-free Flame resistance DIN EN 50265 Resistance to oil according to VDE 0472 Part 803 Other resistance Highly resistant to acids, alkaline solutions and solvents | Nominal voltage, cable | 300 V | |
| Flame resistance DIN EN 50265 Resistance to oil according to VDE 0472 Part 803 Other resistance Highly resistant to acids, alkaline solutions and solvents | Test voltage, cable | 2000 V | |
| Resistance to oil according to VDE 0472 Part 803 Other resistance Highly resistant to acids, alkaline solutions and solvents | Special properties | Silicone-free | |
| Other resistance Highly resistant to acids, alkaline solutions and solvents | Flame resistance | DIN EN 50265 | |
| | Resistance to oil | according to VDE 0472 Part 803 | |
| Ambient temperature (operation) -40 °C 90 °C (cable, fixed installation) | Other resistance | Highly resistant to acids, alkaline solutions and solvents | |
| | Ambient temperature (operation) | -40 °C 90 °C (cable, fixed installation) | |
| -5 °C 80 °C (cable, flexible installation) | | | |



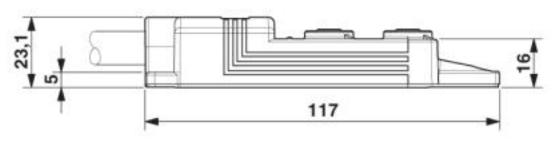
Technical data

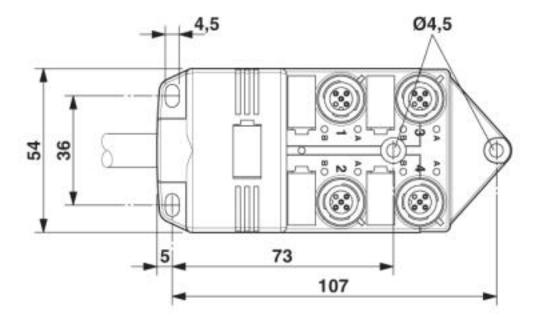
Environmental Product Compliance

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

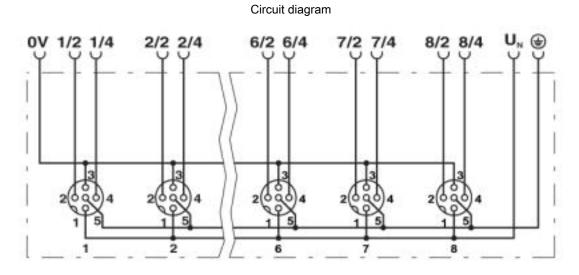
Drawings

Dimensional drawing

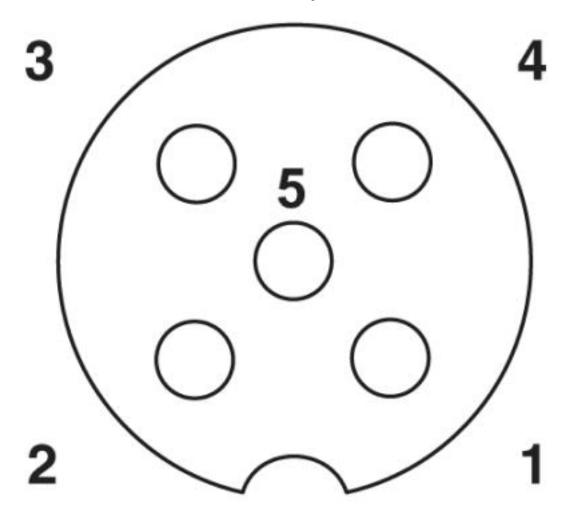








Schematic diagram



M12 slot, socket, 5-pos.



Cable cross section



PUR/PVC black [PUR]

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details



Approvals

| UL Recognized | <i>7</i> .1 | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | | FILE E 118976 |
|--------------------|-----------------|---|------------------|--------------------------|
| | | | | |
| Nominal voltage UN | | 120 V | | |
| | | | | |
| cUL Recognized | .74 2 | http://database.ul.com/cgi-bin/XYV/template/LISEXT/ | 1FRAME/index.htm | FILE E 118976 |
| | | | | |
| Nominal voltage UN | | 120 V | | |
| | | | | |
| EAC | ERE | | | RU C- DE.BL08.B.00286 |
| | | | | |
| EAC | EAC | | | RU C- DE.Al30.B.01102 |
| | | | | |
| cULus Recognized | c 511 us | | | |

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