

Bus system cable - SAC-5P-10,0-U30/MINFS - 1416929

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Bus system cable, DeviceNet™, 5-position, PVC, gray, free cable end, A - standard, on Socket straight 7/8"-16UNF, A - standard, cable length: 10 m



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 STK |
| GTIN | |
| GTIN | 4055626219882 |

Technical data

Dimensions

| | |
|-----------------|------|
| Length of cable | 10 m |
|-----------------|------|

Ambient conditions

| | |
|---------------------------------|----------------------------------|
| Ambient temperature (operation) | -20 °C ... 75 °C (Plug / socket) |
| Degree of protection | IP68 |

General

| | |
|------------------------------|------------------------------------|
| Rated current at 40°C | 4 A |
| Rated voltage | 600 V AC 600 V DC |
| Number of positions | 5 |
| Color handle area | gray |
| Insulation resistance | ≥ 100 MΩ |
| Coding | A - standard |
| Signal type/category | DeviceNet™ |
| Status display | No |
| Protective circuit/component | Unwired |
| Torque | 10 lb _r -in. 1.12 Nm |

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Technical data

Material

| | |
|--------------------------|-------------------|
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PVC |
| Material of grip body | PVC |
| Material, knurls | Anodized aluminum |

Cable

| | |
|-------------------------------------|---|
| Cable type | CAN Bus/DeviceNet drop cable |
| Cable abbreviation | U30 |
| Cable structure | 2xAWG24+2xAWG22+1xAWG18 |
| Conductor cross section | 2 x AWG 24 data cable |
| | 2 x AWG 22 power supply |
| | 1 x AWG 18 drain wire |
| AWG signal line | 24 |
| AWG power supply | 22 |
| Conductor structure signal line | 19 x AWG 36 |
| Conductor structure, voltage supply | 19 x AWG 34 |
| Wire colors | Red-black, blue-white |
| Twisted pairs | 2 cores to the pair |
| Type of pair shielding | Plastic-coated aluminum foil, aluminum side outside |
| Overall twist | 2 pairs around a drain wire in the center to the core |
| Shielding | Tinned copper braided shield |
| Optical shield covering | 65 % |
| External sheath, color | gray |
| External cable diameter D | 6.6 mm |
| Outer sheath, material | PVC |
| Material conductor insulation | Foamed PE |
| | PVC (Power supply) |
| Conductor material | Tin-plated Cu litz wires |
| Flame resistance | UL 1581, FT4 |
| Resistance to oil | OIL RES I according to UL 2256 |
| Other resistance | UV resistant (720 h) UL 2556 |
| Ambient temperature (operation) | -20 °C ... 75 °C (cable, fixed installation) |
| | -5 °C ... 80 °C (cable, flexible installation) |

Standards and Regulations

| | |
|-------------------|--------------------------------|
| Flame resistance | UL 1581, FT4 |
| Resistance to oil | OIL RES I according to UL 2256 |
| Other resistance | UV resistant (720 h) UL 2556 |

Environmental Product Compliance

| | |
|------------|--|
| China RoHS | Environmentally Friendly Use Period = 50 |
|------------|--|

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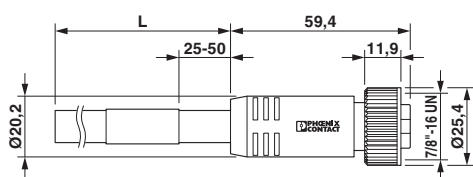
Technical data

Environmental Product Compliance

| | |
|--|---|
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |
|--|---|

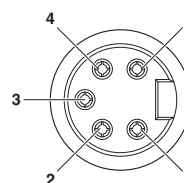
Drawings

Dimensional drawing



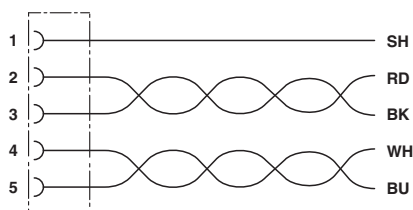
7/8"-16UNF socket, straight

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 5-pos., view of female side

Circuit diagram



Contact assignment of 7/8" socket

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

| | | | |
|-----------|--|---|---------------|
| UL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 221474 |
|-----------|--|---|---------------|

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|------------|---|---|---------------|
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