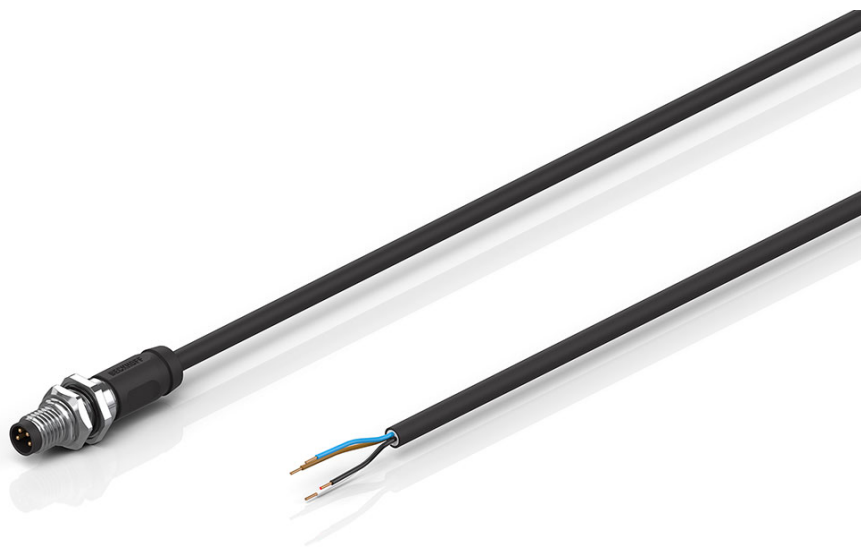


ZK2020-3700-0xxx | Power cable, PUR, 4 x 0.34 mm², drag-chain suitable



M8, flange, straight, male, 4-pin, A-coded – open end, 4-wire



Plugs

| Electrical data | Head A | Head B |
|----------------------------|--|----------|
| Rated voltage | 30 V (according to IEC 61076-2-104) | - |
| Rated current | 4 A at 40°C (leaning on IEC 61076-2-104) | - |
| Shielding | no | - |
| Insulation resistance | ≥ 10 GΩ (according to IEC 60512-2) | - |
| Mechanical data | | |
| Installation size | M8 | open end |
| Connector type | flange | - |
| Configuration | straight | - |
| Contact type | male | - |
| Number of positions (face) | 4-pin | 4-wire |
| Coding | A-coded | - |
| Recommended torque, nut | 0.4 Nm | - |
| Mating cycles | ≥ 100 (according to IEC 60512-9a) | - |
| Way of locking | screw | - |

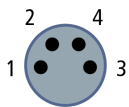
| | | |
|---------------------------------|---|---|
| Body color | black | - |
| Body material | TPU, UL94 | - |
| Coupling nut material | CuZn, Ni | - |
| Seal | FPM | - |
| Contact carrier color | black | - |
| Contact carrier material | TPU GF, UL 94 | - |
| Contact plating | Ni, Au gal. | - |
| Contact material | CuZn | - |
| Environmental data | | |
| RoHS compliant | yes | - |
| Ambient temperature (operation) | -30...+80°C, -22...+176°F | - |
| Protection rating | IP65/67 in screwed condition (according to IEC 60529) | - |
| Pollution level | 3/2 (according to IEC 60664-1) | - |

Cable

| | | |
|---|--|--|
| Electrical data | | |
| Rated voltage | ≤ 300 V | |
| Insulation resistance | ≥ 10 GΩ * km | |
| Wire resistance (signal/24V) | ≤ 58.0 Ω/km (20°C) | |
| Test voltage | ≥ 3000 V | |
| Mechanical data | | |
| Conductor construction (power) | 42 x 0.10 mm | |
| Cross-section | 4 x 0.34 mm ² (AWG22) | |
| Outer cable diameter | 4.7 mm ± 0.15 mm (0.185" ± 0.0059") | |
| Min. bending radius, moved | 6 x outer cable diameter | |
| Min. bending radius, moved in drag-chain | 10 x outer cable diameter | |
| Min. bending radius, fixed installation | 5 x outer cable diameter | |
| Weight | 31 kg/km (20.8 lb/1000 ft) | |
| Shielding | no | |
| Use | drag-chain suitable | |
| Max. acceleration | 10 m/s ² | |
| Max. speed | 5 m/s | |
| Max. number of cycles | 10 million at max. 20 m travel distance, 2 million at max. 100 m travel distance | |
| Wall thickness of wire insulation (power) | ≥ 0.21 mm | |
| Jacket color | black | |

| | |
|------------------------------------|--|
| Material jacket | PUR (polyurethane) |
| Wire color code | white, blue, black, brown |
| Wire insulation material | PP (polypropylene) |
| Printing on the jacket | Li9Y11Y 4x0,34mm ² E242293 (cULus-Symbol) AWM STYLE 20549 80C 300V AWM I A/B 80C 300V FT2 |
| Printing color | white |
| Environmental data | |
| Operation temperature range, moved | -25...+80°C, -13...+176°F |
| Oil resistance | 168 h 100°C (according to DIN EN 60811-2-1) |
| Flame-retardant | according to DIN EN 60332-2-2 |
| Halogen-free | DIN VDE 0472 part 815 |
| CE | yes |
| UL | yes, UL E-file number: E242293 |

Dimensions



| | |
|----|----------|
| A1 | 41.00 mm |
| A2 | M10 |

Notes

- Depending on the cable length (L), the following length tolerances apply:
0 m...<0.2 m: ± 10 mm | 0.2...4.0 m: + 40 mm | ≥ 4.0 m: + 1%
- Illustrations similar
- Further cable length on request.

| Ordering information | Length |
|----------------------|--------|
| ZK2020-3700-0005 | 0.50 m |

| Accessories | |
|-------------|---|
| ZB8801-0000 | torque wrench for hexagonal plugs, adjustable |
| ZB8801-0001 | torque cable key, M8/wrench size 9, for ZB8801-0000 |



Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

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