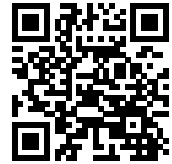


ZK2053-5400-0xxx | Power cable, PUR, drag-chain suitable, 5 x 0.75 mm²



M12, socket, angled, female + male (PE inverse), 5-pin (4+FE), L-coded – open end, 5-wire



Plugs

| Electrical data | Head A | Head B |
|----------------------------|--|----------|
| Rated voltage | 63 V (according to IEC 61076-2-111) | - |
| Rated current | 8 A at 40°C (according to IEC 61076-2-111) | - |
| Shielding | no | - |
| Contact resistance | < 10 mΩ | - |
| Insulation resistance | ≥ 100 MΩ (according to IEC 60512) | - |
| Mechanical data | | |
| Installation size | M12 | open end |
| Connector type | socket | - |
| Configuration | angled | - |
| Contact type | female + male (PE inverse) | - |
| Number of positions (face) | 5-pin (4+FE) | 5-wire |
| Coding | L-coded | - |
| Recommended torque, nut | 0.6 Nm | - |

| | | |
|---------------------------------|---|---|
| Mating cycles | ≥ 100 (according to IEC 60512-9a) | - |
| Way of locking | screw | - |
| Body color | black | - |
| Body material | TPU, UL94 HB | - |
| Coupling nut material | GD-Zn, Ni | - |
| Seal | FPM | - |
| Contact carrier color | black | - |
| Contact carrier material | PC UL 94 V-0 | - |
| Contact material | CuZn, Ni b/Au 0.2 gal. | - |
| Environmental data | | |
| RoHS compliant | yes | - |
| Ambient temperature (operation) | -30...+85°C, -22...+185°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 | |
| Wire resistance (power) | ≤ 26.0 Ω/km (DIN EN 50395) | |
| Test voltage | ≥ 3000 V | |
| Mechanical data | | |
| Conductor construction (power) | 42 x 0.15 mm | |
| Cross-section | 5 x 0.75 mm ² (approx. AWG18) | |
| Outer cable diameter | 6.3 mm ± 0.2 mm (0.248" ± 0.0079") | |
| Min. bending radius, moved | 6 x outer cable diameter | |
| Weight | 63.0 kg/km (42.33 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 | |
| Jacket color | black | |
| Material jacket | PUR (polyurethane) | |
| Wire color code | brown, white, blue, black, gray | |
| Wire insulation material | PP (polypropylene) | |

Printing color white

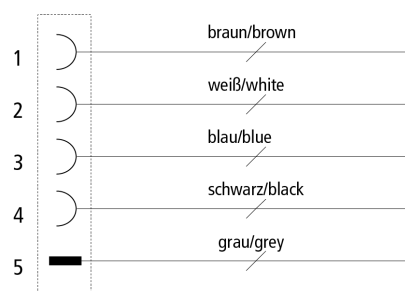
Environmental data

Operation temperature range, moved -25...+80°C, -13...+176°F

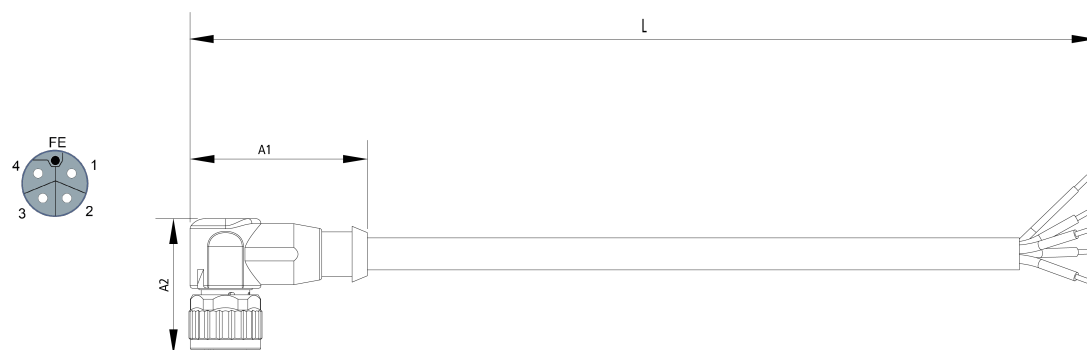
Flame-retardant according to cULus 20549

Halogen-free DIN VDE 0472 part 815

Contact assembly



Dimensions



A1 31.0 mm

A2 ~ 35.0 mm

A3 Ø16.5 mm

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

| | |
|------------------|---------|
| ZK2053-5400-0010 | 1.00 m |
| ZK2053-5400-0020 | 2.00 m |
| ZK2053-5400-0030 | 3.00 m |
| ZK2053-5400-0050 | 5.00 m |
| ZK2053-5400-0075 | 7.50 m |
| ZK2053-5400-0100 | 10.00 m |

Further length on request

Accessories

| | |
|-------------|---|
| ZB8801-0000 | torque wrench for hexagonal plugs, adjustable |
| ZB8801-0002 | torque cable key, M12/wrench size 13, 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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