

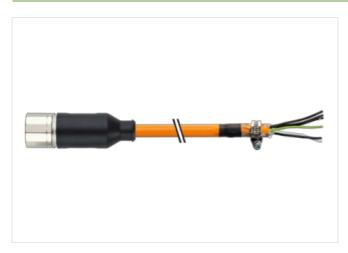
M23 servo cable

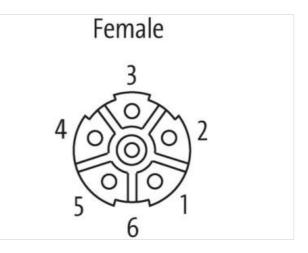
specification: 6FX5002-5DG01-1AF0

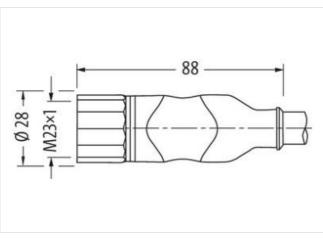
Female straight M23, 6-pole shielded Power cable with brake wires for SINAMICS S120 and motors with M23 connection and holding brake Mounting bracket without cable sleeves Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Power cores: 12 A (1.5 mm²), 15 A (2.5 mm²); brake cores: 5 A (1.5 mm²)

Link to Product

Illustration







Product may differ from Image

| 5 m | |
|---------|-------------|
| | |
| 2 Nm | |
| M23 | |
| M23 x 1 | |
| | 2 Nm M23 |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02

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| WorkWarzCommercial dataCLASS-6.02/27/9218CLASS-6.02/27/9218CLASS-6.02/27/9218CLASS-6.02/27/9218CLASS-6.02/27/9218CLASS-6.02/27/9218CLASS-6.02/2000327CLASS-7.02/200311CLASS-7.12/200313CLASS-7.12/200313CLASS-7.12/200313CLASS-7.12/200313CLASS-7.12/200313CLASS-7.12/200313CLASS-7.12/200314CLASS-7.22/200327CTM40480/9664186Packagin unit1Packagin unit1Charles A.C per ajmal contact max.800 VCoreating voltage AC per power contact max.800 VCoreating voltage AC per ajmal contact max.800 VCoreating voltage AC per power contact max.800 VCoreating voltage agenal contact max.800 VRelet ad unge voltage agenal contact max.800 VRelet ad unge voltage agenal contact max.800 VRelet ad unge voltage agenal contact m | suitable for corrugated tube (internal \emptyset) | 16 mm |
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| Stranding2 wires with Filler twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Filler around Stranding combination twistedCable shielding (type)copper braid, tinned | STOOW style jacket | Hybrid, Signal, Power |
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| Stranding (type 2) 4 wires with Filler around Stranding combination twisted Cable shielding (type) copper braid, tinned | Stranding | 2 wires with Filler twisted |
| Cable shielding (type) copper braid, tinned | Amount stranding (type 2) | 1 |
| | Stranding (type 2) | 4 wires with Filler around Stranding combination twisted |
| Cable shielding (coverage) 85 % | Cable shielding (type) | copper braid, tinned |
| | Cable shielding (coverage) | 85 % |
| Pair shielding (type) copper braid, tinned | Pair shielding (type) | |
| Banding Fiber tape, Fleece, Foil | Banding | Fiber tape, Fleece, Foil |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02

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| Filler | yes |
|--|--|
| wire arrangement | black, white, (black W/L3/D/L-, black U/L1/C/L+, black V/L2, green-yellow) |
| Cable weigth | 203,5 g/m |
| Material jacket | PVC |
| Freedom from ingredients (jacket) | lead-free, CFC-free, silicone-free |
| Outer-diameter (jacket) | 10,4 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material wire insulation | ТРМ |
| Amount wires | 2 |
| Outer diameter insulation | 2,4 mm |
| Outer diameter tolerance core insulation | ±5% |
| Ingredient freeness wire insulation | lead-free, CFC-free, silicone-free |
| Amount strands (wire) | 30 |
| Diameter of single wires | 0,25 mm |
| Conductor crosssection (wire) | 1,5 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Outer diameter wire insulation (Power) | 2,4 mm |
| Tolerance outer diameter wire insulation (Power) | ±5 % |
| Ingredient freeness wire insulation (Power) | lead-free, CFC-free, silicone-free |
| Printing colour wire insulation (Power) | white (isolation black) |
| Amount strands wire (Power) | 30 |
| Diameter of single wires (Power) | 0,25 mm |
| Wire conductor cross section (Power) | 1,5 mm ² |
| Material conductor wire (Power) | Stranded copper wire, bare |
| Conductor type wire (Power) | Strand class 5 |
| Traversing distance (C-track) | 5 m @ 25 °C |
| Travel speed (C-track) | 4 |
| Max. rated voltage (conductor - conductor) | 1000 V |
| Max. rated voltage (conductor - ground) | 600 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 12,6 A |
| Electrical resistance line constant wire | 13,7 Ω/km @ 20 °C |
| Electrical resistance coating wire (Power) | 13,7 Ω/km @20 °C |
| Min. operating temperature (static) | -25 °C |
| Max. operating temperature (fixed) | 0° ℃ |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 60 °C |
| Flame resistance | UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 18 x Outer diameter |
| No. of bending cycles (C-track) | 0,1 Mio. @ 25 °C |
| Torsion stress | ± 30 °/m |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02

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