



CONTINUOUS-FLEX SHIELDED SERVO MOTOR CABLE

UL 758

18 orderable sizes

STANDARD UL 758	VOLTAGE CLASS 1000 V	CONDUCTOR Fine-stranded flexible copper conductor
INSULATION / JACKET PUR low-adhesion abrasion resistant jacket		

Construction

- 1 ■ Conductor (per core) – Fine-stranded flexible copper conductor · 50 × Ø0.25 mm · IEC 60228 cl.5
- 2 ■ Core insulation – TPE low-capacitance power-core insulation
- 3 ■ Filler – PP filler
- 4 ■ Shield – Braid shield (C)
- 5 ■ Sheath – PUR low-adhesion abrasion resistant jacket

Size selection — all available cross-sections

Cable reference	Service class	Drive function	Core / pair design	Power / signal size	Max DC resistance at 20 °C	Shielding	OD guide
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 4 power cores 1.5 mm ²	Continuous-flex servo power	Dynamic motor power supply	4 power cores	1.5 mm ²	12.7	Overall tinned copper braid screen	14.7 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 4 power cores 2.5 mm ²	Continuous-flex servo power	Dynamic motor power supply	4 power cores	2.5 mm ²	7.6	Overall tinned copper braid screen	15.4 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 4 power cores 4 mm ²	Continuous-flex servo power	Dynamic motor power supply	4 power cores	4 mm ²	4.7	Overall tinned copper braid screen	16.3 mm

Cable reference	Service class	Drive function	Core / pair design	Power / signal size	Max DC resistance at 20 °C	Shielding	OD guide
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 4 power cores 6 mm ²	Continuous-flex servo power	Dynamic motor power supply	4 power cores	6 mm ²	3.1	Overall tinned copper braid screen	17.2 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 4 power cores 10 mm ²	Continuous-flex servo power	Dynamic motor power supply	4 power cores	10 mm ²	1.83	Overall tinned copper braid screen	18.7 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 4 power cores 16 mm ²	Continuous-flex servo power	Dynamic motor power supply	4 power cores	16 mm ²	1.15	Overall tinned copper braid screen	20.5 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 3 power cores + PE 1.5 mm ²	Continuous-flex servo power	Dynamic motor power supply	3 power cores + PE	1.5 mm ²	12.7	Overall tinned copper braid screen	14.3 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 3 power cores + PE 2.5 mm ²	Continuous-flex servo power	Dynamic motor power supply	3 power cores + PE	2.5 mm ²	7.6	Overall tinned copper braid screen	15.0 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 3 power cores + PE 4 mm ²	Continuous-flex servo power	Dynamic motor power supply	3 power cores + PE	4 mm ²	4.7	Overall tinned copper braid screen	15.9 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 3 power cores + PE 6 mm ²	Continuous-flex servo power	Dynamic motor power supply	3 power cores + PE	6 mm ²	3.1	Overall tinned copper braid screen	16.8 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 3 power cores + PE 10 mm ²	Continuous-flex servo power	Dynamic motor power supply	3 power cores + PE	10 mm ²	1.83	Overall tinned copper braid screen	18.3 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 3 power cores + PE 16 mm ²	Continuous-flex servo power	Dynamic motor power supply	3 power cores + PE	16 mm ²	1.15	Overall tinned copper braid screen	20.1 mm

Cable reference	Service class	Drive function	Core / pair design	Power / signal size	Max DC resistance at 20 °C	Shielding	OD guide
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 3 power cores + 3 symmetrical grounds 1.5 mm ²	Continuous-flex servo power	Dynamic motor power supply	3 power cores + 3 symmetrical grounds	1.5 mm ²	12.7	Overall tinned copper braid screen	14.3 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 3 power cores + 3 symmetrical grounds 2.5 mm ²	Continuous-flex servo power	Dynamic motor power supply	3 power cores + 3 symmetrical grounds	2.5 mm ²	7.6	Overall tinned copper braid screen	15.0 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 3 power cores + 3 symmetrical grounds 4 mm ²	Continuous-flex servo power	Dynamic motor power supply	3 power cores + 3 symmetrical grounds	4 mm ²	4.7	Overall tinned copper braid screen	15.9 mm
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Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 3 power cores + 3 symmetrical grounds 10 mm ²	Continuous-flex servo power	Dynamic motor power supply	3 power cores + 3 symmetrical grounds	10 mm ²	1.83	Overall tinned copper braid screen	18.3 mm
Continuous flex PUR servo motor power cable 1000 V Dynamic motor power supply 3 power cores + 3 symmetrical grounds 16 mm ²	Continuous-flex servo power	Dynamic motor power supply	3 power cores + 3 symmetrical grounds	16 mm ²	1.15	Overall tinned copper braid screen	20.1 mm