



SERVO CONTINUOUS-FLEX CABLE

UL 758

15 orderable sizes

STANDARD UL 758	VOLTAGE CLASS 600 V / 1 kV	CONDUCTOR Fine-stranded flexible copper conductor
INSULATION / JACKET PUR oil and 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 or XLPE drive-core insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Shield** – Braid shield (C)
- 5 ■ **Sheath** – PUR oil and abrasion resistant jacket

Size selection — all available cross-sections

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 2 brake cores 1.5 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 2 brake cores	1.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	15.8 mm
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 2 brake cores 2.5 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 2 brake cores	2.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	16.6 mm
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 2 brake cores 4 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 2 brake cores	4 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	17.5 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 2 brake cores 6 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 2 brake cores	6 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	18.5 mm
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 2 brake cores 10 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 2 brake cores	10 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	20.1 mm
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 2 brake cores + feedback pair 1.5 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 2 brake cores + feedback pair	1.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	16.3 mm
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 2 brake cores + feedback pair 2.5 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 2 brake cores + feedback pair	2.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	17.1 mm
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 2 brake cores + feedback pair 4 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 2 brake cores + feedback pair	4 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	18.1 mm
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 2 brake cores + feedback pair 6 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 2 brake cores + feedback pair	6 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	19.1 mm
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 2 brake cores + feedback pair 10 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 2 brake cores + feedback pair	10 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	20.7 mm
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4	Servo drag-chain duty	Servo power and brake	4 power cores + 4 signal cores	1.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	16.3 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
power cores + 4 signal cores 1.5 mm ²							
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 4 signal cores 2.5 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 4 signal cores	2.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	17.1 mm
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 4 signal cores 4 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 4 signal cores	4 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	18.1 mm
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 4 signal cores 6 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 4 signal cores	6 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	19.1 mm
Continuous flex servo motor cable 600 V / 1 kV Servo drag-chain duty Servo power and brake 4 power cores + 4 signal cores 10 mm ²	Servo drag-chain duty	Servo power and brake	4 power cores + 4 signal cores	10 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	20.7 mm