



## SCREENED CONTINUOUS-FLEX CONTROL CABLE

UL 758

42 orderable sizes

<b>STANDARD</b> <b>UL 758</b>	<b>VOLTAGE CLASS</b> <b>300/500 V</b>	<b>CONDUCTOR</b> <b>Fine-stranded flexible copper conductor</b>
<b>INSULATION / JACKET</b> <b>PUR low-adhesion abrasion resistant jacket</b>		

### Construction

- 1 ■ **Conductor (per core)** – Fine-stranded flexible copper conductor · 30 × Ø0.25 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – High-flex PVC or TPE control-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	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 2 core 0.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	2 core	0.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	11.0 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 2 core 0.75 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	2 core	0.75 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	11.3 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 2 core 1.0 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	2 core	1.0 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	11.6 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 2 core 1.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	2 core	1.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	12.1 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 2 core 2.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	2 core	2.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	12.9 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 2 core 4 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	2 core	4 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	13.9 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 3 core 0.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	3 core	0.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	11.5 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 3 core 0.75 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	3 core	0.75 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	11.8 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 3 core 1.0 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	3 core	1.0 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	12.1 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 3 core 1.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	3 core	1.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	12.6 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 3 core 2.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	3 core	2.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	13.4 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 3 core 4 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	3 core	4 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	14.4 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 4 core 0.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	4 core	0.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	11.9 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 4 core 0.75 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	4 core	0.75 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	12.2 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 4 core 1.0 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	4 core	1.0 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	12.6 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 4 core 1.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	4 core	1.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	13.1 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 4 core 2.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	4 core	2.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	13.9 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 4 core 4 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	4 core	4 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	14.8 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 5 core 0.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	5 core	0.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	12.3 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 5 core 0.75 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	5 core	0.75 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	12.6 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 5 core 1.0 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	5 core	1.0 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	12.9 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 5 core 1.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	5 core	1.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	13.4 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 5 core 2.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	5 core	2.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	14.2 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 5 core 4 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	5 core	4 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	15.2 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 7 core 0.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	7 core	0.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	12.9 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 7 core 0.75 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	7 core	0.75 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	13.2 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 7 core 1.0 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	7 core	1.0 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	13.6 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 7 core 1.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	7 core	1.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	14.1 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 7 core 2.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	7 core	2.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	14.9 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 7 core 4 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	7 core	4 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	15.8 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 12 core 0.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	12 core	0.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	14.2 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 12 core 0.75 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	12 core	0.75 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	14.5 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 12 core 1.0 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	12 core	1.0 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	14.8 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 12 core 1.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	12 core	1.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	15.3 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 12 core 2.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	12 core	2.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	16.1 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 12 core 4 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	12 core	4 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	17.1 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 18 core 0.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	18 core	0.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	15.4 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 18 core 0.75 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	18 core	0.75 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	15.7 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 18 core 1.0 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	18 core	1.0 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	16.0 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 18 core 1.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	18 core	1.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	16.5 mm
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 18 core 2.5 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	18 core	2.5 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	17.3 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
PUR screened continuous flex control cable 300/500 V EMC drag-chain duty Screened control circuits 18 core 4 mm <sup>2</sup>	EMC drag-chain duty	Screened control circuits	18 core	4 mm <sup>2</sup>	Up to 10 million cycles guide	8 x OD dynamic / 5 x OD fixed	18.3 mm

UE Cable · China — sales@uecable.com · uecable.com Confirm colour, printing, packing length, delivery country and test documents on enquiry.