

## ÖLFLEX® SERVO 719

Low capacitance servo cable with PVC outer sheath for static use - certified for North America

ÖLFLEX® SERVO 719 - low capacitance servo cable for fixed installation or occasional flexing with UL/cUL AWM certification

### Info

Successor of ÖLFLEX® SERVO 700

Low-capacitance design

Without overall screening



Oil-resistant



UV-resistant

### Benefits

One common cable for multiple circuits

Longer cable installation lengths thanks to low mutual capacitance cable design

Multi-standard certification reduces part varieties and saves costs

Space and weight-saving installations due to small cable diameters

### Application range

Connecting cable between servo controller and motor

For static and occasionally flexible use

Plant engineering

Industrial machinery and machine tools

Printing machines

### Product features

Low capacitance

Flammability:

UL/CSA: VW-1, FT1

IEC/EN: 60332-1-2

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

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## ÖLFLEX® SERVO 719

Oil-resistant

### Norm references / Approvals

USA: UL AWM Style 2570

Canada: cUL AWM Style I/II A/B FT1

UL File No. E63634

### Product Make-up

Fine-wire, bare copper conductor

Core insulation: polypropylene (PP)

Individual design depending on the item: power cores without or with one or two individually screened control core pairs twisted together in short lay lengths

PVC outer sheath, black (RAL 9005)

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable
Core identification code:	Power cores: black with marking U/L1/C/L+; V/L2; W/L3/D /L-; GN/YE protective conductor Single-paired versions: black; white Double-paired versions: black with white numbers 5; 6; 7; 8 0,34mm <sup>2</sup> pairs: WH/BN/GN/YE
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	Occasional flexing: 15 x outer diameter Fixed installation: 6 x outer diameter
Nominal voltage:	Power cores and control cores: IEC U0/U: 600/1000 V UL & CSA: 1000 V
Test voltage:	Core/Core: 4 kV Core/Screen: 4 kV
Protective conductor:	G = with GN-YE protective conductor
Temperature range:	Occasional flexing: -5°C to +70°C (UL: +80°C) Fixed installation: -40°C to +80°C

### Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm) approx.	Copper index (kg/km)	Weight (kg/km)
1020060	4 G 1,5 + (2 x 0,75)	9.7	83.3	177
1020065	4 G 1,5 + (2 x 1,5)	10.8	108.3	214
1020061	5 G 1,5 + (2 x 0,75)	10.6	97.7	203
1020062	7 G 1,5 + (2 x 0,75)	11.5	126.5	241
1020063	4 G 2,5 + (2 x 0,75)	11.1	121.7	238
1020066	4 G 2,5 + (2 x 1,5)	12.2	146.7	276
1020064	7 G 2,5 + (2 x 0,75)	12.7	193.7	325
1020067	4 G 4 + (2 x 1,5)	13.9	204.3	360
1020068	4 G 6 + (2 x 1,5)	16.1	281.1	478
1020069	4 G 10 + (2 x 1,5)	18.2	434.7	654
1020071	4 G 0,75 + 2 x (2 x 0,34)	9.0	62.1	121
1020072	4 G 1,5 + 2 x (2 x 0,75)	11.6	111.6	203
1020073	4 G 2,5 + 2 x (2 x 1,0)	13.6	159.7	286
1020074	4 G 4 + 2 x (2 x 1,0)	15.3	217.3	377
1020075	4 G 4 + (2 x 1,0) + (2 x 1,5)	15.5	237.6	396
1020076	4 G 6 + (2 x 1,0) + (2 x 1,5)	17.4	314.4	512

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