

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



UV-resistant



Oil-resistant

Benefits

One common cable for multiple circuits

Longer installation lengths thanks to low capacitance cable design

Multi-standard certification reduces part varieties and saves costs

Space and weight-saving installation due to small cable diameters

Application range

Connecting cable between servo controller and motor

For fixed installation and applications with occasional movements

Plant construction

Industrial machinery and machine tools

Printing machines

ÖLFLEX® SERVO 719

Product features

Low capacitance
Flame retardance:
UL/CSA: VW-1, FT1
IEC/EN: 60332-1-2
Oil-resistant

Norm references / approvals

USA: UL AWM Style 2570
Canada: cUL AWM Style I/II A/B FT1
UL File No. E63634

Design

Fine-wire, bare copper conductor
Core insulation: Polypropylene (PP)
Individual design depending on the item: Power cores without or with one or two individually shielded control core pairs twisted together in short lay lengths
PVC sheath, black (RAL 9005)

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 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 0.34 mm ² pairs: WH/BN/GN/YE
Conductor design:	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 U ₀ /U: 600/1000 V UL & CSA: 1000 V
Test voltage:	Core/Core: 4 kV Core/Shield: 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 otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Photographs 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 ² 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	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

Last Update (05.05.2017)

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Product Management www.lappkabel.deYou can find the current technical data in the corresponding data sheet.
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