

ÖLFLEX® SERVO 9YSLCY-JB

Flexible Low Capacitance, Double-Shielded, Large Gauge Motor Cable for Servo & VFD Applications



Construction: 3 Power + 1 Insulated Ground

Conductors: Finely stranded bare copper

Insulation: Polypropylene

Shielding: Overall foil and tinned copper braid

Jacket: PVC; transparent

Construction: 3 Power + 3 Insulated Grounds

Conductors: Finely stranded bare copper

Insulation: Polypropylene

Shielding: Overall foil and tinned copper braid

Jacket: PVC; black

ÖLFLEX® SERVO 9YSLCY-JB is a highly flexible power cable for large horsepower motors and VFD drives. It has a double shield with polypropylene-insulated conductors for optimal low-loss power transmission when compared to PVC.

Recommended Applications

Motor connections for large motors and drives; textile; paper; chemical; machine tool; heavy industry; conveying technology

Approvals

Application Advantage

- Flexible for easier routing
- UL & CSA AWM approved
- Black-jacketed version: 3 symmetrical grounds for improved EMC performance



Cable Attributes, see page 659

OR-01	FR-02	FL-01	MP-02
OIL	FLAME	MOTION	MECHANICAL

Similar Cables

- V 2000
- ÖLFLEX® SERVO 2YSLCY-JB

Complete the Installation

	SKINTOP® MS-SC: page 528		SKINTOP® MS-M BRUSH: page 530
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Technical Data

Minimum Bend Radius: 4 x cable diameter

Temperature Range:
 - for stationary use (UL/CSA): -40°C to +80°C
 - for flexible use (UL/CSA): -5°C to +80°C

Nominal Voltage: 1000V

Test Voltage: 4000V

Conductor Stranding: Class 5 fine wire

Color Code: VDE 0293-308: Chart 6, page 696
 Black, brown, gray,
 plus green/yellow ground(s) (1 or 3)

Approvals:
 UL: AWM 2570 or 20886
 Attributes: VW-1
 NFPA 79 2015
 Canada: cRU AWM I/II A/B 1000VFT1
 Additional: Based on VDE 0276, 0250, 0207
 CE & RoHS

Part Number	Jacket Color	Size / Number of Conductors		Nominal Outer Diameter		Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® MS-M BRUSH Metric Thread
		Power	Ground	(inches)	(mm)			
3 Power Conductors + 1 Ground								
0037008	Transparent	1 AWG/3c	1 AWG/1c	1.344	34.1	1482	1982	53112679
0037009	Transparent	2/0 AWG/3c	2/0 AWG/1c	1.611	40.9	2017	2654	53112680
0037010	Transparent	3/0 AWG/3c	3/0 AWG/1c	1.789	45.4	2691	3562	53112681
0037011	Transparent	4/0 AWG/3c	4/0 AWG/1c	1.962	49.8	3433	4435	53112681
0037012	Transparent	250 KCMIL/3c	250 KCMIL/1c	2.210	56.1	4183	4733	53112501
0037013	Transparent	350 KCMIL/3c	350 KCMIL/1c	2.419	61.4	5086	5634	53112501
0037014	Transparent	450 KCMIL/3c	450 KCMIL/1c	2.675	68.0	6680	8165	53112503
3 Power Conductors + 3 Grounds								
0037023	Black	1 AWG/3c	8 AWG/3c	1.225	31.1	1449	1612	53112679
0037024	Black	2/0 AWG/3c	8 AWG/3c	1.462	37.1	2003	2054	53112680
0037025	Black	3/0 AWG/3c	6 AWG/3c	1.576	40.0	2656	2797	53112680
0037026	Black	4/0 AWG/3c	6 AWG/3c	1.678	42.6	3250	3410	53112680
0037027	Black	250 KCMIL/3c	4 AWG/3c	1.970	50.0	3637	4118	53112681
0037028	Black	350 KCMIL/3c	2 AWG/3c	2.191	55.6	4756	5255	53112501

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available, please see our SKINTOP® section. Photographs are not to scale and are not true representations of the products in question. For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.