



Servo cables with control pair for dynamic applications, PVC jacket, shielded, resistant to oils, flame retardant

### STANDARDS

**Product** UL and CSA approval

#### Normative references:

##### UL recognised / CSA

AWM 80°C - 600V/1000V  
AWM 80°C - 600V/1000V FT1

##### Oil resistance

IEC 50363-4-1

##### Flame retardant

IEC 60331-1-2; FT1; UL 1581; EN 50265-2-1

**Reference:** 10553265

**Country Ref.:** 13-EYS05Z06R-A5

**EAN 13:** 8054803119645

### CONTACT

Market information  
industryprojects.business@lynxéogroup.com

## CHARACTERISTICS

### Construction characteristics

Construction type	(4G16 + (2x1.5)C)C
Conductor material	Stranded bare copper
Insulation	Polyolefin
Insulation colour	Power: U/L1/C/L+ V/L2 W/L3/D/L- Ye/GN; Signal: Black - White
Lay Up	power cores and control pairs stranded with filler
Taping	Non woven tape
Shielding	80% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Orange RAL 2003

### Dimensional characteristics

Nominal outer diameter	23.1 mm
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Operating temp.  
-15 ... 80 °C



Storage temperature, range  
-20 ... 80 °C



Oil resistance  
EN 50363-4-1



Flame retardant  
IEC/EN 60332-1-2; FT1; UL 1581 FT1

Dimensional characteristics	
Copper content	803 kg/km
Approximate weight	990 kg/km
Electrical characteristics	
Rated Voltage U <sub>0</sub> /U	0.6/1 kV
Test voltage	4000 V
Mechanical characteristics	
Maximum acceleration	15 m/s <sup>2</sup>
Bending cycles	5 Mio.
Speed	180 m/min
Usage characteristics	
Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-15 ... 80 °C
Storage temperature, range	-20 ... 80 °C
Oil resistance	EN 50363-4-1
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1



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Oil resistance  
EN 50363-4-1



Flame retardant  
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