



**Reference:** 10553229  
**Country Ref.:** 13-EPS13G04R-A1  
**EAN 13:** 8054803120368

### CONTACT

Market information  
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Servo cables for high dynamic applications; PUR Jacket; screened, resistant to oils and coolants, flame retardant, resistant to hydrolysis and microbes, halogen-free.

### STANDARDS

**Product** UL and CSA approval

### DESIGN

**Conductor**  
 Bare copper  
**Core insulation**  
 from 1,5 to 6 mm<sup>2</sup>: Polyolefin  
**Core stranding**  
 Power cores stranded with fillers  
 Core identification  
 Power: Black num + Yellow / Green  
 Signal: Black - White  
**Shield**  
 Total shield:  
 Tinned copper braid,  
 coverage >= 85%  
**Jacket**  
 PVC  
 Colour:  
 Orange RAL 2003

### NORMATIVE REFERENCES

**Oil resistant**  
 IEC 50363-4-1  
**Flame retardant**  
 IEC 60331-2-1; FT1; UL 1581; EN 50265-2-1

### CHARACTERISTICS

#### Construction characteristics

Construction type	(4G2,5)C
Conductor material	Bare copper
Insulation	Polyolefin



Operating temp.  
 -10 ... 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

**Construction characteristics**

Insulation colour	Black - white marking U/L1/C/L + V/L2 W/L3/D/L - Yellow/ Green
Lay Up	Power cores stranded with filler
Taping	Fleece Tape
Shielding	85% tinned copper braid - optical coverage
Outer sheath	PVC
Sheath colour	Orange RAL 2003

**Dimensional characteristics**

Nominal outer diameter	9.6 mm
Copper content	149 kg/km
Approximate weight	174 kg/km

**Electrical characteristics**

Rated Voltage U <sub>0</sub> /U	0.6/1 kV
Test voltage	4000 V

**Mechanical characteristics**

Maximum acceleration	2 m/s <sup>2</sup>
Bending cycles	.1 Mio.
Speed	30 m/min

**Usage characteristics**

Field of application	Fixed installations
Minimum dynamic operating bending radius	15 (xD)
Operating temperature, range	-10 ... 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

**SELLING AND DELIVERY INFORMATION**

Marking: Lynxéo MOTIONLINE®



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-10 ... 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