



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

CONTACT

Market information
 industryprojects.business@lynxgroup.com

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 mm²: 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 ₀ /U	0.6/1 kV
Test voltage	4000 V

Mechanical characteristics

Maximum acceleration	2 m/s ²
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®



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