



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: 13-EYS02Z06R-A5

Country Ref.: 13-EYS02Z06R-A5

CONTACT

Market information
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CHARACTERISTICS

Construction characteristics

Construction type	(4G35 +(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	30.9 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	1570 kg/km
Approximate weight	2025 kg/km

Electrical characteristics

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

Mechanical characteristics

Maximum acceleration	15 m/s ²
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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