

SERVO CABLES ACC. TO SIEMENS STANDARD 6FX8008PLUS PW+SG 13-EBU (4G1,5 +(2x1,5)C)C

Contact

Market and Product Information
automation.business@nexans.com

Nexans Ref.: 10553107

Country Ref.: 13-EBU15Z06P

EAN 13: 8055519095353

Servo cables according to SIEMENS Standard 6FX8008PLUS for extremely dynamic applications, PUR jacket, shielded, resistant to oils, flame retardant, halogen-free

DESCRIPTION

Normative Reference

UL Recognized / CSA

AWM 80°C - 600V/1000V

AWM 80°C - 600V/1000V FT1

Oil Resistance:

EN 50363-10-2

Flame Retardant:

IEC 60332-1; FT1: UL 1581; EN 50265-2-1

Toxicity:

Halogen free



STANDARDS

International

UL and CSA approval

CHARACTERISTICS

Construction characteristics

Construction type	(4G1.5 + (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	PUR
Sheath colour	Orange RAL 2003
Halogen free	Yes



Halogen free
Yes



Operating temp.
-30 ... 80 °C



Storage temperature, range
-50 ... 80 °C



Oil resistance
EN 50363-10-2



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

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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Dimensional characteristics

Nominal outer diameter	11.6 mm
Copper content	165 kg/km
Approximate weight	230 kg/km

Electrical characteristics

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

Mechanical characteristics

Maximum acceleration	50 m/s ²
Bending cycles	10 Mio.
Speed	300 m/min

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	7.5 (xD)
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-50 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1



Halogen free
Yes



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-30 ... 80 °C



Storage temperature, range
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Oil resistance
EN 50363-10-2



Flame retardant
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