



CONTACT

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

STANDARDS

Product UL and CSA approval

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

CHARACTERISTICS

Construction characteristics

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

Electrical characteristics

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

Mechanical characteristics

Maximum acceleration	50 m/s ²
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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

Mechanical characteristics

Bending cycles	10 Mio.
Speed	300 m/min

Usage characteristics

Field of application	Dynamic
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

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
10553107	13-EBU15Z06P	13-EBU (4G1,5 +(2x1,5)C)C	(4G1.5 + (2x1.5)C)C	11.6	165
10553100	13-EBU13Z06P	13-EBU (4G2,5 +(2x1,5)C)C	(4G2.5 + (2x1.5)C)C	13.4	208
10553091	13-EBU11Z06P	13-EBU (4G4 +(2x1,5)C)C	(4G4 + (2x1.5)C)C	14.8	286
10553084	13-EBU09Z06P	13-EBU (4G6 +(2x1,5)C)C	(4G6 + (2x1.5)C)C	16.7	402
10553076	13-EBU07Z06P	13-EBU (4G10 +(2x1,5)C)C	(4G10 + (2x1.5)C)C	19.4	615
10553071	13-EBU05Z06P	13-EBU (4G16 +(2x1,5)C)C	(4G16 + (2x1.5)C)C	22.6	890
10553067	13-EBU03Z06P	13-EBU (4G25 +(2x1,5)C)C	(4G25 +(2x1.5)C)C	26.4	1276
10553064	13-EBU02Z06P	13-EBU (4G35 +(2x1,5)C)C	(4G35 +(2x1.5)C)C	30.5	1701
10553062	13-EBU01Z06P	13-EBU (4G50 +(2x1,5)C)C	(4G50 + (2x1.5)C)C	34.6	2397

= Make to order, = In stock,



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