



Reference: 13 - EBU01G04P
Country Ref.: 13 -
EBU01G04P

CONTACT

Market information
industryprojects.business@lyn
xeogroup.com

servo motor 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

DESIGN

Conductor
Stranded Bare copper
Core insulation
Polyolefin
Core stranding
Power cores stranded with fillers
Core identification
Power:
U/L1/C/L+ V/L2
W/L3/D/L - Ye/Gr

Shield
Total Shield:
Tinned copper braid, coverage 80%

Jacket
PUR
Colour: Orange RAL 2003
(available also in black)

CHARACTERISTICS

Normative Reference

UL recognised / CSA
AWM 80 ° C - 600V/1000V
AWM 80 ° C - 600V/1000V FT1

Oil Resistance: EN 50363 - 10 - 2

Flame Resistance: IEC 60331 - 1 - 2; FT1; UL1581; EN 50265 - 2 - 1

Toxicity: Halogen free

CHARACTERISTICS

(4G50)C

Stranded bare copper



Halogen free



Operating temp.
- 30 ... 80 ° C



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



Oil resistance
EN 50363 - 10 - 2



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

Insulation colour	U/L1/C/L + V/L2 W/L3/D/L - Yellow/Green
Lay Up	Power cores stranded with filler
Taping	Non woven tape
Shielding	80% tinned copper braid coverage PUR
Sheath colour	Orange RAL 2003
Halogen free	
	50 mm ²
Nominal outer diameter	33.4 mm
Copper content	2153 kg/km
()	2700 kg/km
Rated Voltage Uo/U	0.6/1 kV 4000 V
Maximum acceleration	50 m/s ²
Bending cycles	10 Mio.
Speed	300 m/min
Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
操作度范	- 30 ... 80 °C
Storage temperature, range	- 50 ... 80 °C
Oil resistance	EN 50363 - 10 - 2 IEC/EN 60332 - 1 - 2; FT1; UL 1581 FT1



Halogen free



Operating temp.
- 30 ... 80 °C



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



Oil resistance
EN 50363 - 10 - 2



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