



Reference: 10553069
Country Ref.: 13-EBU05G04P
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CONTACT

Market information
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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 $\geq 80\%$

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



无卤
是



操作温度
-30 ... 80 ° C



存储温度范围
-50 ... 80 ° C



耐油
EN 50363-10-2



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

CHARACTERISTICS

结构特性

结构类型	(4G16)C
导体材料	Stranded bare copper
绝缘	聚烯烃
绝缘色	U/L1/G/L + V/L2 W/L3/D/L - Yellow/Green
绞合	Power cores stranded with filler
Taping	Non woven tape
屏蔽	80% tinned copper braid coverage
外护套	PUR
护套颜色	Orange RAL 2003
无卤	是

尺寸特性

导线截面	16 mm ²
标称外径	21.6 mm
铜含量	832 kg/km
近似重量	1010 kg/km

电气特性

Rated Voltage U ₀ /U	0.6/1 kV
测试电压	4000 V

机械特性

Maximum acceleration	50 m/s ²
弯曲循环	10 Mio.
速度	300 m/min

使用特性

应用类型	动态
最小弯曲半径 - 动态	7.5 (xD)
操作温度范围	-30 ... 80 °C
存储温度范围	-50 ... 80 °C
耐油	EN 50363-10-2
阻燃 - 火焰	IEC/EN 60332-1-2; FT1; UL 1581 FT1



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