



Reference: 10553233

**CONTACT**

Market information  
 industryprojects.business@lyn  
 xeogroup.com

Servo cables with control pair according to SIEMENS standard 6FX5008 for fixed installation, PVC jacket, shielded, resistant to oils, flame retardant

**STANDARDS**

Product UL and GSA approval

**DESIGN**

Conductor  
 Bare copper  
 Core insulation  
 from 1,5 to 6 mm<sup>2</sup>:  
 Polyolefin  
 Core stranding  
 Power cores stranded with fillers  
 Core identification  
 Power: Black num + Yellow / Green  
 Signal: Black – White  
 Shield  
 Total shield:  
 Tinned copper braid,  
 coverage >= 85%  
 Jacket  
 PVC  
 Colour:  
 Orange RAL 2003

**NORMATIVE REFERENCES**

Oil resistant  
 IEC 50363-4-1  
 Flame retardant  
 IEC 60331-2-1; FT1; UL 1581; EN 50265-2-1

**CHARACTERISTICS**

结构特性

结构类型  
 导体材料  
 绝缘

(4G1.5 + (2x1.5) C) C  
 裸铜线  
 聚烯烃



操作温度  
 -10 ... 80 ° C



存储温度范围  
 -20 ... 80 ° C



耐油  
 EN 50363-4-1



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

## 结构特性

绝缘色	Power: Black – White marking U/L1/C/L+ V/L2 W/L3/D/L- Yellow/ Green; Signal: Black+White
绞合	power cores and control pairs stranded with filler
Taping	Fleece Tape
屏蔽	85% tinned copper braid – optical coverage
外护套	聚氯乙烯
护套颜色	Orange RAL 2003

## 尺寸特性

标称外径	11.5 mm
铜含量	155 kg/km
近似重量	245 kg/km

## 电气特性

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

## 机械特性

Maximum acceleration	2 m/s <sup>2</sup>
弯曲循环	.1 Mio.
速度	30 m/min

## 使用特性

应用类型	固定安装
最小弯曲半径 – 动态	15 (xD)
操作温度范围	-10 ... 80 ° C
存储温度范围	-20 ... 80 ° C
耐油	EN 50363-4-1
阻燃 – 火焰	IEC/EN 60332-1-2; FT1; UL 1581 FT1



操作温度  
-10 ... 80 ° C



存储温度范围  
-20 ... 80 ° C



耐油  
EN 50363-4-1



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