



## CONTACT

Market information  
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## SERVO CABLES ACC. TO SIEMENS STANDARD 6FX8008PLUS

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  
 Standed 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 coppe 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



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

## CHARACTERISTICS

|                            |   |
|----------------------------|---|
|                            | Stranded bare copper                    |
| 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               |   |
| Rated Voltage Uo/U         | 0.6/1 kV<br>4000 V                      |
| Maximum acceleration       | 50 m/s <sup>2</sup>                     |
| Bending cycles             | 10 Mio.                                 |
| Speed                      | 300 m/min                               |
| Field of application       | Dynamic                                 |
| 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

| Reference        | Name              |
|------------------|-------------------|
| ☎ 10553065       | 13 - EBU (4G25)C  |
| ☎ 10553112       | 13 - EBU (4G1,0)C |
| 🔌 10553102       | 13 - EBU (4G1,5)C |
| 🔌 10553073       | 13 - EBU (4G10)C  |
| 🔌 10553069       | 13 - EBU (4G16)C  |
| 🔌 10553094       | 13 - EBU (4G2,5)C |
| ☎ 13 - EBU02G04P | 13 - EBU (4G35)C  |
| 🔌 10553087       | 13 - EBU (4G4)C   |
| ☎ 13 - EBU01G04P | 13 - EBU (4G50)C  |
| 🔌 10553080       | 13 - EBU (4G6)C   |