



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 Uo/U | 0.6/1 kV |
| Test voltage | 4000 V |

Mechanical characteristics

| | |
|----------------------|---------------------|
| Maximum acceleration | 50 m/s ² |
|----------------------|---------------------|



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