



Servo cables with control pair for dynamic applications, PVC jacket, shielded, resistant to oils, flame retardant

STANDARDS

Product UL and CSA approval

Normative references:

UL recognised / CSA

AWM 80°C - 600V/1000V
AWM 80°C - 600V/1000V FT1

Oil resistance

IEC 50363-4-1

Flame retardant

IEC 60331-1-2; FT1; UL 1581; EN 50265-2-1

Reference: 10553274

Country Ref.: 13-EYS09Z06R-A5

EAN 13: 8054803119461

CONTACT

Market information
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CHARACTERISTICS

Construction characteristics

| | |
|--------------------|--|
| Construction type | (4G6 + (2x1.5)C)C |
| 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 | PVC |
| Sheath colour | Orange RAL 2003 |

Dimensional characteristics

| | |
|------------------------|---------|
| Nominal outer diameter | 16.8 mm |
|------------------------|---------|



Operating temp.
-15 ... 80 °C



Storage temperature, range
-20 ... 80 °C



Oil resistance
EN 50363-4-1



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

Dimensional characteristics

| | |
|--------------------|-----------|
| Copper content | 364 kg/km |
| Approximate weight | 488 kg/km |

Electrical characteristics

| | |
|---------------------------------|----------|
| Rated Voltage U ₀ /U | 0.6/1 kV |
| Test voltage | 4000 V |

Mechanical characteristics

| | |
|----------------------|---------------------|
| Maximum acceleration | 15 m/s ² |
| Bending cycles | 5 Mio. |
| Speed | 180 m/min |

Usage characteristics

| | |
|--|------------------------------------|
| Field of application | Dynamic |
| Minimum dynamic operating bending radius | 10 (xD) |
| Operating temperature, range | -15 ... 80 °C |
| Storage temperature, range | -20 ... 80 °C |
| Oil resistance | EN 50363-4-1 |
| Flame retardant | IEC/EN 60332-1-2; FT1; UL 1581 FT1 |



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