



**Reference:** 10553253  
**Country Ref.:** 13-EYS02G04R-A5  
**EAN 13:** 8054803119881

#### CONTACT

Market information  
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Servo cables 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:

EN 50363-4-1

#### Flame Resistance:

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

## CHARACTERISTICS

### Construction characteristics

Construction type	(4G35)C
Conductor material	Stranded bare copper
Insulation	Polyolefin
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
Outer sheath	PVC
Sheath colour	Orange RAL 2003

### Dimensional characteristics

Nominal outer diameter	28.6 mm
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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	1638 kg/km
Approximate weight	1900 kg/km

**Electrical characteristics**

Rated Voltage U <sub>0</sub> /U	0.6/1 kV
Test voltage	4000 V

**Mechanical characteristics**

Maximum acceleration	15 m/s <sup>2</sup>
Bending cycles	10 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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-15 ... 80 °C



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Oil resistance  
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Flame retardant  
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