



CONTACT

Market information
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Servo cables with control pair according to DANAHER standard for dynamic applications, PUR jacket, shielded, resistant to oils, flame retardant, halogen free

STANDARDS

Product UL and CSA approval

POWER

Rated voltage:

1000 V

Conductors:

Bare copper

Insulation material:

Polyolefin

Core identification:

Power: Black num. 1+3 + Green/Yellow

Shield:

Tinned copper braid covering > 85%

Binder tape:

Textile no textile

Jacket:

PUR

Colour:

ORANGE RAL 2003 (-A3)

Signal pair

Rated voltage:

600 V

Conductors:

Bare copper

Insulation:

Polyolefin

Core identification:

Black - White

Shield:

Tinned copper wrap covering > 85%

Binder tape :

Textile no textile



Halogen free
Yes



Operating temp.
-30 ... 80 °C



Storage temperature, range
-40 ... 80 °C



Oil resistance
EN 50363-10-2



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

CHARACTERISTICS

Construction characteristics

Construction type	-
Conductor material	Bare copper
Insulation	Polyolefin
Insulation colour	Power: Black num 1-3 + Green/Yellow; Signal: Black-White
Lay Up	power cores and control pairs stranded with filler
Taping	Non hygroscopic tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PUR
Sheath colour	Orange RAL 2003
Halogen free	Yes

Dimensional characteristics

Nominal outer diameter	- mm
Copper content	- kg/km
Approximate weight	- kg/km

Electrical characteristics

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

Mechanical characteristics

Maximum acceleration	20 m/s ²
Bending cycles	10 Mio.
Speed	220 m/min

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	- (xD)
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Oil resistance	EN 50363-10-2
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