SERVO CABLES ACC. TO DANAHER STANDARD PW+SG

Servo cables with control pair according to DANAHER standard fpr 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

CONTACT

Market information
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SERVO CABLES ACC. TO DANAHER STANDARD PW+SG

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 Uo/U	0.6/1 kV
Test voltage	4000 V
Mechanical characteristics	
Maximum acceleration	20 m/s²
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
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1

Halogen free
Yes


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Oil resistance
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Flame retardant
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