



Reference: 10565733

### CONTACT

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Servo motor cables for high demanding applications in terms of temperature and mechanical stress.

### STANDARDS

Product UL and CSA approval

Servo motor cables for high demanding applications in terms of temperature and mechanical stress. Flame retardant, oil resistant, PVC - and halogen free. Conform to Reach and RoHs. These cables can withstand operating temperatures up to 90 ° .

## CHARACTERISTICS

(4G6)C

|                        |  |
|------------------------|--|
|                        | Polyolefin - based compound  |
| Insulation colour      | Black - white marking U/L1/C/L + V/L2 W/L3/D/L - Yellow/ Green           |
| Lay Up                 | The elements are assembled to form cable core, with fillers if necessary |
| Taping                 | Non woven tape   |
| Shielding              | 80% tinned copper braid coverage<br>PUR                                  |
| Sheath colour          | Orange RAL 2003  |
| Halogen free           |  |
| Nominal outer diameter | - mm <sup>2</sup><br>14.5 mm   |
| Copper content         | 345 kg/km  |



Halogen free



Operating temp.  
-30 ... 90 °C



Storage temperature, range  
-50 ... 90 °C



Oil resistance  
EN 50363 - 10 - 2 , EN 60811 - 2 - 1 IEC 60332 - 1 - 2 , UL Cable Flame , CSA , FT1



|  |  |
|--|--|
| ( )                                      | 450 kg/km  |
| Rated Voltage U <sub>o</sub> /U          | 0.6/1 kV<br>4000 V   |
| Maximum acceleration                     | 50 m/s <sup>2</sup>  |
| Bending cycles                           | 10 Mio.  |
| Speed                                    | 300 m/min  |
| Field of application                     | Dynamic  |
| Minimum dynamic operating bending radius | 7.5 (xD)   |
| 操作度范                                     | - 30 ... 90 ° C  |
| Storage temperature, range               | - 50 ... 90 ° C  |
| Oil resistance                           | EN 50363 - 10 - 2 , EN 60811 - 2 - 1<br>IEC 60332 - 1 - 2 , UL Cable Flame , CSA , FT1 |



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