

Control cables for extremely dynamic application, up to 1000V, PUR jacket, unshielded, oil resistant, halogen free, UL and CSA approved

## STANDARDS

**Product** UL and CSA approval

LC Movepower for continuous moving application, high flexible, oil resistant and halogen free.

### Applications:

- Tracksystem for tread machines
- work centres
- automatic lines for assembly
- handling
- packaging
- Machines for working and cutting marble steel
- gantry robots
- everywhere is necessary to combine the best performance with the small dimensions



## CONTACT

Market information  
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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
Halogen free	Yes
Insulation	Polyolefin
Insulation colour	Black w. number + yellow/green
Taping	Non woven tape
Outer sheath	PUR
Sheath colour	Grey RAL 7001

### Dimensional characteristics

Number of cores	-
Conductor cross-section	- mm <sup>2</sup>
Outer Diameter	- mm
Copper content	- kg/km
Approximate weight	- kg/km

### Electrical characteristics

Rated Voltage U <sub>0</sub> /U	1000 V
Test voltage	4000 V

### Mechanical characteristics

Bending cycles	10 Mio.
Speed	600 m/min
Maximum acceleration	60 m/s <sup>2</sup>

### Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	6.5 (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