

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 ²
Outer Diameter	- mm
Copper content	- kg/km
Approximate weight	- kg/km

Electrical characteristics

Rated Voltage U ₀ /U	1000 V
Test voltage	4000 V

Mechanical characteristics

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

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