



CONTACT

Market information
 industryprojects.business@lynx^{eo}
 ogroup.com

Control- or signal cable for dynamic application, PVC-jacket, shielded, oil resistant, flame retardant, UL and CSA approved

STANDARDS

Product UL and CSA approval

Cables designed for continuous moving application, high flexible, oil resistance.

Applications:

- Tracksystems for tool machines
- Wood machines
- Automatic lines for assembly
- Handling
- Packaging
- Other applications with moderate stresses

CHARACTERISTICS

Construction characteristics

Conductor material	Bare copper
Insulation	Polyolefin
Insulation colour	DIN 47100
Taping	Non woven tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Grey RAL 7001

Electrical characteristics

Rated Voltage U ₀ /U	300 V
Test voltage	1500 V

Mechanical characteristics

Bending cycles	5 Mio.
Speed	300 m/min
Maximum acceleration	20 m/s ²

Usage characteristics

Field of application	Dynamic
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Storage temperature, range
 -30 ... 80 °C



Operating temp.
 -5 ... 80 °C



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



Oil resistance
 EN 50363-4-1

Usage characteristics

Storage temperature, range	-30 ... 80 °C
Operating temperature, range	-5 ... 80 °C
Minimum dynamic operating bending radius	6.5 (xD)
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Oil resistance	EN 50363-4-1

PRODUCTLIST

Reference	Name	Cross section [mm ²]	Nb. of cores	Construction type	Outer Diameter [mm]	Approx. weight [kg/km]
	MOVETRONIC C PVC 2 x 0,25 mm ²	0.25	2	(2x0,25)C	4.6	28
10563079	MOVETRONIC C PVC 3 x 0,25 mm ²	0.25	3	(3x0,25)C	4.8	30
10555849	MOVETRONIC C PVC 4 x 0,25 mm ²	0.25	4	(4x0,25)C	5.1	35
10554876	MOVETRONIC C PVC 5 x 0,25 mm ²	0.25	5	(5x0,25)C	5.4	40
	MOVETRONIC C PVC 6 x 0,25 mm ²	0.25	6	(6x0,25)C	5.7	45
10554881	MOVETRONIC C PVC 7 x 0,25 mm ²	0.25	7	(7x0,25)C	6	53
	MOVETRONIC C PVC 8 x 0,25 mm ²	0.25	8	(8x0,25)C	6.4	62
10554887	MOVETRONIC C PVC 10 x 0,25 mm ²	0.25	10	(10x0,25)C	7.5	66
	MOVETRONIC C PVC 12 x 0,25 mm ²	0.25	12	(12x0,25)C	7.1	73
	MOVETRONIC C PVC 14 x 0,25 mm ²	0.25	14	(14x0,25)C	7.5	82
10555848	MOVETRONIC C PVC 16 x 0,25 mm ²	0.25	16	(16x0,25)C	7.8	90
	MOVETRONIC C PVC 18 x 0,25 mm ²	0.25	18	(18x0,25)C	8.1	100
10554840	MOVETRONIC C PVC 25 x 0,25 mm ²	0.25	25	(25x0,25)C	9.5	148
10554847	MOVETRONIC C PVC 2 x 0,34 mm ²	0.34	2	(2x0,34)C	4.6	31
10554852	MOVETRONIC C PVC 3 x 0,34 mm ²	0.34	3	(3x0,34)C	4.7	34



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Reference	Name	Cross section [mm ²]	Nb. of cores	Construction type	Outer Diameter [mm]	Approx. weight [kg/km]
10554864	MOVETRONIC C PVC 4 x 0,34 mm ²	0.34	4	(4x0,34)C	5.1	39
10554689	MOVETRONIC C PVC 5 x 0,34 mm ²	0.34	5	(5x0,34)C	5.4	46
10557124	MOVETRONIC C PVC 6 x 0,34 mm ²	0.34	6	(6x0,34)C	5.8	52
10554698	MOVETRONIC C PVC 7 x 0,34 mm ²	0.34	7	(7x0,34)C	6.3	73
10554699	MOVETRONIC C PVC 8 x 0,34 mm ²	0.34	8	(8x0,34)C	6.6	73
10554704	MOVETRONIC C PVC 10 x 0,34 mm ²	0.34	10	(10x0,34)C	7.3	77
10554705	MOVETRONIC C PVC 12x0,34 mm ²	0.34	12	(12x0,34)C	7.3	102
10556273	MOVETRONIC C PVC 14 x 0,34 mm ²	0.34	14	(14x0,34)C	7.8	97
	MOVETRONIC C PVC 16 x 0,34 mm ²	0.34	16	(16x0,34)C	8.1	107
10554654	MOVETRONIC C PVC 18 x 0,34 mm ²	0.34	18	(18x0,34)C	8.2	124
10554650	MOVETRONIC C PVC 25 x 0,34 mm ²	0.34	25	(25x0,34)C	10.1	176



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