



Measuring systems cables for very dynamic applications. MOTIONLINE® ADVANCED

STANDARDS

Product UL and CSA approval

For very dynamic applications; PUR Jacket, screened, resistant to oils and coolants, notch resistant, flame retardant, resistant to hydrolysis and microbes, PVC- and halogen-free.

CONTACT

Market information
industryprojects.business@lynxeogroup.com



Halogen free
Yes



Operating temp.
 -15 ... 80 °C



Storage temperature, range
 -40 ... 80 °C



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



Oil resistance
 DIN EN 50363-10-2 & DIN EN 60811-404

CHARACTERISTICS

Construction characteristics

Conductor material	Bending-resistant conductor with tinned copper wires
Insulation	TPM with very low capacitance
Insulation colour	See Tab
Screen	Tinned copper braid, coverage ≥ 85%
Outer sheath	PUR
Sheath colour	Green RAL 6018
Halogen free	Yes

Electrical characteristics

Rated Voltage U ₀ /U	30 V
Test voltage	300 V

Mechanical characteristics

Bending cycles	5 Mio.
Speed	180 m/min
Maximum acceleration	20 m/s ²

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-15 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Flame retardant	IEC 60332-1-2; UL 1581 FT1
Oil resistance	DIN EN 50363-10-2 & DIN EN 60811-404

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Copper content [kg/km]	Approximate weight [kg/km]
☎ 49480870	-	MEASURING SYSTEM CABLES LENZE® STANDARD (3x(2x0,14)C +(2x0,5)C)C	(3x(2x0,14)D)+(2x0,5)D)C	64	107
☎ 49383470	-	MEASURING SYSTEM CABLES LENZE® STANDARD 4x(2x0,14)C +(2x1)C	4x(2x0,14)C+(2x1)C	63	117
☎ 49383570	-	MEASURING SYSTEM CABLES LENZE® STANDARD (3x(2x0,14)C +(4x0,14)+(2+0,5)C	(3x(2x0,14)C)+(4x0,14)+(2+0,5)C	50	89
☎ 49383670	-	MEASURING SYSTEM CABLES LENZE® STANDARD (3x(2x0,14) +3x0,14)C	(3x(2x0,14)+3x0,14)C	36	70

☎ = Make to order, 📦 = In stock,

Reference	Country Ref.	Name	Construction type	Copper content [kg/km]	Approximate weight [kg/km]
☎ 49393070	-	MEASURING SYSTEM CABLES LENZE® STANDARD (4x(2x0,14)C+2x(1)C)C	(4x(2x0,14)C+2x(1)C)C	86	126

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