



Measuring systems cables for dynamic applications. MOTIONLINE® STANDARD

STANDARDS

Product UL and CSA approval

For dynamic applications; PVC Jacket, screened, resistant to oils and coolants, flame retardant.

Reference: 49314960

CONTACT

Market information
industryprojects.business@lynxéo
ogroup.com



Operating temp.
-15 ... 80 °C



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



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



Oil resistance
EN 50363-4-1

CHARACTERISTICS**Construction characteristics**

Construction type	(4x2x0,14+4x1,0+(4x0,14)C)C
Conductor material	Bending-resistant conductor with tinned copper wires
Insulation	TPM with very low capacitance
Insulation colour	See Tab
Screen	Tinned copper braid, coverage ≥ 80%
Outer sheath	PVC
Sheath colour	Orange RAL 2003

Dimensional characteristics

Copper content	85 kg/km
Approximate weight	125 kg/km
Outer Diameter	8.8 mm

Electrical characteristics

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

Mechanical characteristics

Bending cycles	1 Mio.
Speed	120 m/min
Maximum acceleration	2 m/s ²

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	15 (xD)
Operating temperature, range	-15 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Flame retardant	IEC 60332-1-2; UL 1581 FT1
Oil resistance	EN 50363-4-1