



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

STANDARDS

Product UL and CSA approval

Country Ref.: Q102512E100

CONTACT

Market information
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CHARACTERISTICS

Construction characteristics

Construction type	(12x0,25)C
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

Dimensional characteristics

Conductor cross-section	0.25 mm ²
Number of cores	12
Outer Diameter	7.1 mm
Copper content	44 kg/km
Approximate weight	73 kg/km



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

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
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



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