



Reference: 10554277
Country Ref.: 13-MY21Z12P-V1
EAN 13: 8054803099565

CONTACT

Market information
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Measuring systems cables according to Heidenhain standard for dynamic applications, PUR jacket, shielded, resistant to oils, flame retardant, halogen-free

STANDARDS

Product UL and CSA approval

NORMATIVE REFERENCES:

UL-CSA approval

Oil resistance:

IEC 50363-10-2

Flame retardant:

IEC 60332-1-2

FT1

UL 1581

EN 50265-2-1

CHARACTERISTICS

Construction characteristics

Conductor material	Tinned copper
Construction type	(4x2x0.14+4x0.5)C
Insulation	TPE-E
Insulation colour	See Tab
Taping	Soft tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PUR
Sheath colour	Green RAL 6018
Halogen free	Yes

Dimensional characteristics

Nominal outer diameter	8.5 mm
Copper content	53 kg/km



Halogen free
Yes



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



Operating temp.
-30 ... 80 °C



Oil resistance
EN 50363-10-2



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

Dimensional characteristics	
Approximate weight	83 kg/km
Electrical characteristics	
Rated Voltage U ₀ /U	30 V
Test voltage	1500 V
Mechanical characteristics	
Maximum acceleration	20 m/s ²
Bending cycles	5 Mio.
Speed	240 m/min
Usage characteristics	
Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Storage temperature, range	-40 ... 80 °C
Operating temperature, range	-30 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1



Halogen free
Yes



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Oil resistance
EN 50363-10-2



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