



Reference: 13-MHM22P03P-V1
Country Ref.: 13-MHM22P03P-V1

CONTACT

Market information
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resolver cables for extremely dynamic applications, PUR jacket, shielded, oil resistant, flame retardant, halogen free

STANDARDS

Product UL and CSA approval

TYPE APPROVAL UL/CSA

AWM 80°C -30V
 AWM 75°C - 30V FT1

Oil Resistance:

VDE 0472 p. 803 A7B (04 1986);

UL 1581 VDE 0282 part 10;

HD 22.10 S1

Note : Cables can be supplied in "non-halogen" version

CHARACTERISTICS

Construction characteristics

Conductor material	Tinned copper
Construction type	(3x(2x0.34)C)C
Insulation	PVC
Insulation colour	TAB CP2
Individual screen	Tinned copper braid
Individual sheath	PVC
Shielding	≥85% tinned copper braid coverage
Outer sheath	PUR
Sheath colour	Green RAL 6018
Halogen free	Yes

Dimensional characteristics

Nominal outer diameter	9.5 mm
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Halogen free
 Yes



Operating temp.
 -30 ... 80 °C



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



Oil resistance
 EN 50363-10-2



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

Dimensional characteristics

Copper content	76 kg/km
Approximate weight	131 kg/km

Electrical characteristics

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

Mechanical characteristics

Maximum acceleration	20 m/s ²
Bending cycles	10 Mio.
Speed	240 m/min

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	7.5 (xD)
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1



Halogen free
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Flame retardant
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