



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
Insulation	TPE-E
Insulation colour	See Tab
Taping	Soft tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PUR
Halogen free	Yes

Electrical characteristics

Rated Voltage U _o /U	30 V
Test voltage	1500 V

Mechanical characteristics

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



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

Mechanical characteristics

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

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Sheath colour	Nominal outer diameter [mm]
☎ 10554327	13-MY17Z08P	13-MY (3x(2x0.14)D+2x(1)D)C	(3x(2x0.14)C+2x(1)C)C	Black	9.1
📦 10554330	13-MY21Z08P	13-MY (3x(2x0.14)D+2x(0.5)D)C	(3x(2x0.14)D+(2x0.5)D)C	Black	8.3
📦 10554274	13-MY21Z12P-N1	13-MY (4x2x0.14+4x0.5)C Black	(4x2x0.14+4x0.5)C	Black	8.5
📦 10554277	13-MY21Z12P-V1	13-MY (4x2x0.14+4x0.5)C Green	(4x2x0.14+4x0.5)C	Green RAL 6018	8.5
📦 10554279	13-MY21Z16P-N1	13-MY (4x2x0.14+4x0.5 +(4x0.14)C)C	(4x2x0.14+4x0.5+(4x0.14)C)C	Black	8.3
📦 10554333	13-MY21Z08P-V2	13-MY (3x(2x0.14)D+2x(0.5)D)C Green	(3x(2x0.14)D+(2x0.5)D)C	Green RAL 6018	8.3

☎ = Make to order, 📦 = In stock,



Halogen free
Yes



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-40 ... 80 °C



Operating temp.
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Oil resistance
EN 50363-10-2



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