



Reference: 10553606
Country Ref.: 13-MBS21Z12P-V1
EAN 13: 8054803112820

CONTACT

Market information
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Measuring systems cables acc. to SIEMENS® standard 6FX8008PLUS for extremely dynamic applications, PUR jacket, shielded, oil resistant, flame retardant, halogen free

STANDARDS

Product UL and CSA approval

Normative References

UL Recognized / CSA Approval

AWM 80°C - 30V

AWM 75°C - 30V FT1

Oil resistance:

IEC 50363-10-2

Hydrolysis resistance (jacket):

VDE 0472-02

Flame retardant:

IEC 60332-1-2; FT1; UL1581:EN 50265-2-1

Toxicity:

Halogen free

CHARACTERISTICS

Construction characteristics

Construction type	((4x2x0.34)C + 4x0.50)C
Conductor material	Tinned copper
Insulation	Polyolefin
Insulation colour	See Tab
Lay Up	Please request detailed data sheet
Taping	Soft tape
Outer sheath	PUR
Sheath colour	Green RAL 6018
Shielding	≥85% tinned copper braid coverage
Halogen free	Yes



Halogen free
Yes



Operating temp.
-30 ... 80 °C



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



Storage temperature, range
-50 ... 80 °C



Oil resistance
EN 50363-10-2

Dimensional characteristics

Nominal outer diameter	8.9 mm
Copper content	79 kg/km
Approximate weight	116 kg/km

Electrical characteristics

Rated Voltage U ₀ /U	30 V
Test voltage	500 V

Mechanical characteristics

Maximum acceleration	50 m/s ²
Bending cycles	5 Mio.
Speed	300 m/min

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	7.5 (xD)
Operating temperature, range	-30 ... 80 °C
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Storage temperature, range	-50 ... 80 °C
Oil resistance	EN 50363-10-2



Halogen free
Yes



Operating temp.
-30 ... 80 °C



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



Storage temperature, range
-50 ... 80 °C



Oil resistance
EN 50363-10-2