



**Reference:** 10554353  
**Country Ref.:** 13-MYS21Z12P-V1  
**EAN 13:** 8054803098049

#### 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	((3x2x0.14)C+4x0.14+2x0.5)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	8.6 mm
Copper content	65 kg/km
Approximate weight	100 kg/km

#### Electrical characteristics

Rated Voltage U <sub>0</sub> /U	30 V
Test voltage	500 V

#### Mechanical characteristics

Maximum acceleration	50 m/s <sup>2</sup>
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