



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

#### CONTACT

Market information  
[industryprojects.business@lynxogroup.com](mailto:industryprojects.business@lynxogroup.com)

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

#### UL Recognized / CSA Approval

UL AWM 80°C 30V  
 CSA AWM I/II A/B 75°C 30V

#### Oil resistance:

IEC 60811-2-1

#### Flame retardant:

IEC 60332-1-2, CSA FT1, UL1581, EN 50265-2-1

#### Toxicity:

Halogen free

#### DESIGN

1. **Conductor:** Tinned copper
2. **Insulation:** PP
3. **Stranding:** See product table
4. **Shield:** Tinned copper braid
5. **Jacket:** PUR
6. **Colour:** Green, RAL 6018



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

**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

**Dimensional characteristics**

Nominal outer diameter	8.6 mm
Copper content	65 kg/km
Approximate weight	100 kg/km

**Electrical characteristics**

Rated Voltage U <sub>o</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