



**Reference:** 10554182  
**Country Ref.:** 13-MYS24X12P-V1  
**EAN 13:** 8054803101466

#### 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	(12x0.22)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	6.9 mm
Copper content	48 kg/km
Approximate weight	69 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