



Reference: 10558927
Country Ref.: 6FX8008-1BD71
EAN 13: 8054803054649

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

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	(2x2x0.18)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	5.0 mm
Copper content	25 kg/km
Approximate weight	33 kg/km

Electrical characteristics

Rated Voltage U _o /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