



Reference: 10553609
Country Ref.: 13-MBS21Z12R-V1
EAN 13: 8054803112769

CONTACT

Market information
 industryprojects.business@lynxgroup.com

Measuring systems cables according to SIEMENS standard 6FX5008 for dynamic applications, PVC jacket, shielded, resistant to oils, flame retardant

STANDARDS

Product UL and CSA approval

Normative References

UL Recognized / CSA

AWM 80°C - 30V

AWM 80°C - 30V FT1

Refrigerant oil resistance:

CNOMO E.03.40.150N: NFT 46-013

Oil resistance:

IEC 50363-4-1

Flame retardant:

IEC 60332-1-2

FT1

UL1581

EN 50265-2-1



Operating temp.
-15 ... 80 °C



Storage temperature, range
-20 ... 80 °C



Oil resistance
EN 50363-4-1



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

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	Non woven tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Green RAL 6018

Dimensional characteristics

Nominal outer diameter	8.9 mm
Copper content	78 kg/km
Approximate weight	110 kg/km

Electrical characteristics

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

Mechanical characteristics

Maximum acceleration	5 m/s ²
Bending cycles	1 Mio.
Speed	180 m/min

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-15 ... 80 °C
Storage temperature, range	-20 ... 80 °C
Oil resistance	EN 50363-4-1
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1