



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

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

Electrical characteristics

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



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

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

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
10553606	13-MBS21Z12P-V1	13-MBS ((4x2x0,3)C +4x0,50)C	((4x2x0.34)C + 4x0.50)C	8.9	79
10553616	13-MBS25P08P-V1	13-MBS (8x2x0.18)C	(8x2x0.18) C	7.8	55
10554349	13-MYS21Z08P-V1	13-MYS (3x (2x0.14)C +(2x0.5)C)C	(3x(2x0.14)D+(2x0.5)D)C	9.0	68
10554353	13-MYS21Z12P-V1	13-MYS (3x2x0.14)C +4x0.14+2x0.5) C	((3x2x0.14)C+4x0.14+2x0.5)C	8.6	65
10554360	13-MYS21Z16P-V1	13-MYS ((3x2x0.14)C +2x0.5+4x0.14 +4x0.22)	((3x2x0.14)C+2x0.50+4x0.14+4x0.22)C	9.5	82
10553613	13-MBS25P04P-V1	13-MBS (4x2x0.18)c	(4x2x0.18)C	6.4	28
10558927	6FX8008-1BD71	13-MBS (2x2x0.18)c	(2x2x0.18)C	5.0	25
10554182	13-MYS24X12P-V1	13-MYS (12x0.22)C	(12x0.22)C	6.9	48

= Make to order, = In stock,



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