



**Reference:** 13-MBS25P08R-V1  
**Country Ref.:** 13-MBS25P08R-V1

### CONTACT

Market information  
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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	(8x2x0.18) 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	7.8 mm
Copper content	55 kg/km
Approximate weight	85 kg/km

**Electrical characteristics**

Rated Voltage U <sub>0</sub> /U	30 V
Test voltage	500 V

**Mechanical characteristics**

Maximum acceleration	5 m/s <sup>2</sup>
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