

MEASURING SYSTEM CABLE ACC. TO SIEMENS® STANDARD 6FX5008-DC00 (DRIVE CLiQ)

DRIVE CLiQ CABLE ACC. TO SIEMENS® STANDARD 6FX5008-2DC00 (2x
(2x0,14)C+(2x0,34)C)C



Measuring systems cables for dynamic application MOTIONLINE®

STANDARDS

Product UL and CSA approval

For dynamic applications; PVC Jacket, screened,
resistant to oils and coolants, flame retardant.

Reference: 44499379

Country Ref.: 6FX5008-2DC00

CONTACT

Market information
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Operating temp.
-15 ... 80 °C



Storage temperature, range
-40 ... 80 °C



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



Oil resistance
EN 50363-4-1

CHARACTERISTICS

Construction characteristics

Construction type	(2x(2x0,14)C+(2x0,34)C)C
Conductor material	Bending-resistant conductor with tinned copper wires
Insulation	TPM with very low capacitance
Insulation colour	1^ Pair: Green+Yellow; 2^ Pair: Pink+Blue
Taping	Copper/Polyester Tape
Screen	Tinned copper braid, coverage ≥ 85%
Outer sheath	PVC
Sheath colour	Grey

Dimensional characteristics

Copper content	32 kg/km
Approximate weight	62 kg/km
Outer Diameter	7 mm

Electrical characteristics

Rated Voltage U ₀ /U	30 V
Test voltage	300 V

Mechanical characteristics

Maximum acceleration	20 m/s ²
Bending cycles	5 Mio.
Speed	180 m/min

Usage characteristics

Field of application	Fixed installations
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-15 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Flame retardant	IEC 60332-1-2; UL 1581 FT1
Oil resistance	EN 50363-4-1