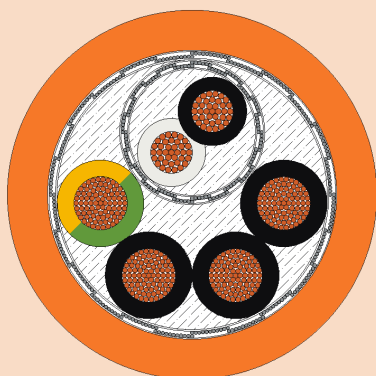


STATIC APPLICATION

SERVOLINK[®]

FE PLUS SERVO WITH PAIR



APPLICATIVE FEATURES



**200.000
GUARANTEED CYCLES**



**2,0 M/S²
ACCELERATION**



**10,0 M
CABLE LENGTH**



**100,0 M/MIN
TRAVEL SPEED**



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	16.00	10.0xØ	5.0xØ
25.00	35.00	12.0xØ	5.0xØ

DESCRIPTION

UL/CSA certified flexible servomotor cables designed for static and dynamic applications between the motor and frequency converter, involving medium mechanical stress in dry, damp, and wet environments. Suitable for indoor and outdoor use. Oil-resistant PVC outer sheath, low-capacity insulation, and shield protection from electromagnetic interference. Cables available with one or two control pairs, compliant with the most commonly used drive system standards.

APPROVALS



**AWM STYLE 21179
90°C 1000V**



**AWM I/II A/B 90°C
1000V**



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

TECHNICAL DATA



**DYNAMIC
0 °C +90 °C
STATIC
-40 °C +90 °C
OCCASIONAL FLEXING
-20 °C +90 °C
IEC 60811-504**



**NOMINAL VOLTAGE
1000 V (UL/CSA)
U₀/U 0,6/1 KV (VDE)**



**TEST VOLTAGE
4.0 KV
TEST VOLTAGE REFERENCE
EN 50395-6-7
UL 1581**



**INSULATION RESISTANCE
≥ 1 GOHM/KM**

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	BLACK CORE WITH WHITE PRINTING U/L1/C/L+ V/L2, W/L3/D/L- GREEN-YELLOW
	SEPARATION LAYER	INNER TAPE POLYESTER TRANSPARENT OR NON- WOVEN TAPE
CONTROL PAIR SCREENED (ONE PAIR)	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	BLACK CORE AND WHITE CORE.
	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	INTERMEDIATE TAPE POLYESTER TRANSPARENT.
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	INTERMEDIATE TAPE POLYESTER TRANSPARENT.
CONTROL PAIRS SCREENED (TWO PAIRS)	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	BLACK CORE WITH WHITE PRINTED NUMBERS
	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	INTERMEDIATE TAPE POLYESTER TRANSPARENT.
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	INTERMEDIATE TAPE POLYESTER TRANSPARENT.
OVERALL STRANDING (ONE PAIR)	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	ORANGE, RAL: 2003, DESINA: YES
OVERALL STRANDING (TWO PAIRS)	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	ORANGE, RAL: 2003, DESINA: YES

PRODUCTS FEATURES



FIRE PERFORMANCE
DIN VDE 0482-332-1-2
DIN EN 60332-1-2
IEC 60332-1-2
UL CABLE FLAME
VW-1 (UL)
FT1 (CSA)



OIL PERFORMANCE
VDE 0473-811-404
IEC 60811-404
CEI EN 50363-4-1
UL 1581



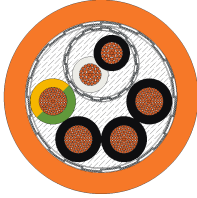
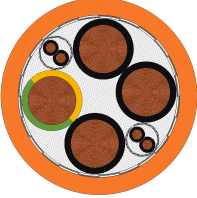
UV PERFORMANCE
CEI EN 50289-4-17
ISO 4892-2
ASTM-D-2565-16



WATER PERFORMANCE
UL 1581
IEC 60811



HYDROCARBONS PERFORMANCE
UL 1581

REFERENCE DRAW	TECO CODE	OEM REF.	N° CORES X CROSS- SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
	46361		[4G1,50+(2X1,00)ST]ST [4GAWG16+(2XAWG18)H2]H2	✓		500	11	200
	46362	SIEMENS 6FX5008- 1BA11	[4G1,50+(2X1,50)ST]ST [4GAWG16+(2XAWG16)H2]H2	✓		500	11.5	240
	46363		[4G2,50+(2X1,00)ST]ST [4GAWG14+(2XAWG18)H2]H2	✓		500	12.5	290
	46364	SIEMENS 6FX5008- 1BA21	[4G2,50+(2X1,50)ST]ST [4GAWG14+(2XAWG16)H2]H2	✓		500	13	310
	46370		[4G35,00+2X(2X1,50)ST]ST [4GAWG02+2X(2XAWG16)ST]ST	✓			32	1950

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