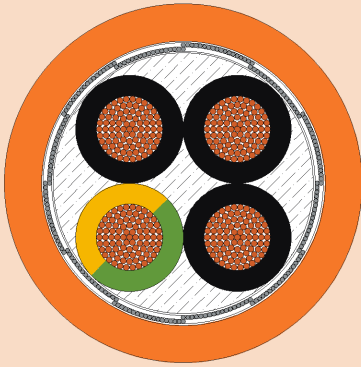


DYNAMIC APPLICATION



FRX[®] SERVO

APPLICATIVE FEATURES



**5 MILLION
GUARANTEED CYCLES**



**10M/SEC²
ACCELERATION**



**20M
CABLE LENGTH**



**180M/MIN
TRAVEL SPEED**

DESCRIPTION

UL/CSA certified flexible servomotor cables designed for Dynamic application in drag chains, between the motor and frequency converter. Suitable for indoor and outdoor use. Screening from electromagnetic interference is achieved thanks to the dense braid Shield. Compliant with the most commonly used drive system standards.

APPROVALS



2014/35/CEE



2011/65/UE



1907/2006



AWM STYLE 2570 80°C
1000V
File E244280



AWM I/II A/B 80°C
1000V

TECHNICAL DATA



DYNAMIC
-5°C / +80°C
STATIC
-40°C / +80°C



NOMINAL VOLTAGE
1000V (UL/CSA AWM)



TEST VOLTAGE
4000 V

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL6 EXTRA-FLEXIBLE (IEC 60228) BARE COPPER
	INSULATION	POLYOLEFIN
	INSULATION COLOUR	BK. U/L1, V/L2, W/L3, + G/Y
OVERALL STRANDING	SCREEN	SCREEN TINNED COPPER 85% ±5%
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	PVC
	SHEATH COLOUR	ORANGE, RAL: 2003, DESINA: YES

PRODUCTS FEATURES



FIRE PERFORMANCE

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



OIL PERFORMANCE

EN 50363-4-1 (TM5)
VDE 0207-363-4-1
IEC 60811-404
UL 1581



UV PERFORMANCE

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



WATER PERFORMANCE

IEC 60811
UL 1581



HYDROCARBONS PERFORMANCE

UL 1581

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
25979	(4G25)ST (4GAWG04)ST	✓			28.3	1
25980	(4G35)ST (4GAWG02)ST	✓			32	1
35863	(4G70)ST (4GAWG2/0)ST	✓			40.8	3
35864	(4G95)ST (4GAWG3/0)ST	✓			46	5100

TE.CO. reserves the right to make changes to any of the products without, however, affecting the essential technical features. Unless specified otherwise, all the product ratings stated are nominal ratings. The RAL colour code is provided for illustrative purposes only.
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