

# DYNAMIC APPLICATION

## FRX® PLUS ENCODER&RESOLVER 10

### APPLICATIVE FEATURES



UP TO 5 MIO  
GUARANTEED CYCLES



10,0M/SEC<sup>2</sup>  
ACCELERATION



20,0M  
CABLE LENGTH



180,00M/MIN  
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS  
SECTION

CROSS SECTION  
MAX

DYNAMIC  
INSTALLATION

STATIC  
INSTALLATION

0,14

1,00

7,5xØ

6,0xØ

### APPROVALS



AWM STYLE 20042  
90°C 300V



AWM I/II A/B 90°C  
300V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

### TECHNICAL DATA



DYNAMIC -5 °C +90 °C  
STATIC -40 °C +90 °C



TEST VOLTAGE C/C  
2000VRMS,1MIN;  
CORE/OVERALL SCREEN  
2000VRMS,1MIN



NOMINAL VOLTAGE 300V  
(UL/CSA)



INSULATION RESISTANCE  $\geq$ 1  
GOHM/KM

## CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	VARIOUS COLOURS
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	VARIOUS COLOURS
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE COMPOUND (PP)
	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	OVERALL WRAPPING NON-WOVEN TAPE
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GREEN , RAL: 6018, DESINA: YES

## PRODUCTS FEATURES



### FIRE PERFORMANCE

DIN VDE 0482-332-1-2; DIN EN 60332-1-2; IEC 60332-1-2; UL CABLE FLAME; UL VW-1; CSA FT1.



### OIL PERFORMANCE

VDE 0473-811-404; IEC 60811-404 (EU); CEI EN 50363-4-1 (EU); 1581 (UL)



### UV PERFORMANCE

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



### WATER PERFORMANCE

UL 1581, IEC 60811



### HYDROCARBONS PERFORMANCE

UL 1581

TECO CODE	OEM REF.	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
46635	SIEMENS 6FX5008-1BD21	(4X2X0,34+4X0,50)ST (4X2XAWG22+4XAWG21)ST	✓		500	8.9	130	GROUP 1 4X2X0,34 : BN-BK, RD-OG, YE-GN, BU-VT GROUP 2 4X0,50 : BU/WH*, BK/WH*, RD/WH*, YE/WH*

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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