

# DYNAMIC APPLICATION

## FRX® PLUS ENCODER&RESOLVER 3

### 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



NOMINAL VOLTAGE 300V  
(UL/CSA)



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



INSULATION RESISTANCE ≥1  
GOHM/KM

### CONSTRUCTION FEATURES

GROUP 1

CONDUCTOR

CL6 EXTRA-FLEXIBLE.  
TINNED COPPER

INSULATION

POLYPROPYLENE COMPOUND (PP)

INSULATION COLOR

COLOURS SEQUENCE REFERS TO  
DIN 47100 STANDARD.

GROUP 2

CONDUCTOR

CL6 EXTRA-FLEXIBLE.  
TINNED COPPER

INSULATION

POLYPROPYLENE COMPOUND (PP)







INSULATION COLOR

COLOURS SEQUENCE REFERS TO  
DIN 47100 STANDARD.

## CONSTRUCTION FEATURES

OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATIONLAYER	WRAPPING NON-WOVEN TAPE
	SEPARATIONLAYER	WRAPPING TAPE SCREEN ALLUMINIUM INSIDE/POLYESTER OUTSIDE
	DRAINWIRE	DRAIN WIRE TINNED COPPER
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	OVERALL WRAPPING NON-WOVEN TAPE
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GREEN , RAL: 6018, DESINA: YES

## PRODUCTS FEATURES

 <p><b>FIRE PERFORMANCE</b> DIN VDE 0482-332-1-2; DIN EN 60332-1-2; IEC 60332-1-2; UL CABLE FLAME; UL VW-1; CSA FT1.</p>	 <p><b>OIL PERFORMANCE</b> VDE 0473-811-404; IEC 60811-404 (EU); CEI EN 50363-4-1 (EU); 1581 (UL)</p>	 <p><b>UV PERFORMANCE</b> CEI EN 50289-4-17, ISO 4892-2, ASTM-D-2565-16</p>
 <p><b>WATER PERFORMANCE</b> UL 1581, IEC 60811</p>	 <p><b>COLD PERFORMANCE</b> UL 1581</p>	 <p><b>HYDROCARBONS PERFORMANCE</b> UL 1581</p>

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
46628	(3X2X0,14+2X0,34)SNCC/ST (3X2XAWG26+2XAWG22)SNCC/ST	✓		500	7	60	GROUP 1 3X2X0,14 : WH-BN, GN-YE, GY-PK GROUP 2 2X0,34 : BU-RD

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