

# DYNAMIC APPLICATION

## PMXX® PLUS ENCODER&RESOLVER 12

### APPLICATIVE FEATURES



UP TO 5 MILLION CYCLES  
GUARANTEED CYCLES



UP TO 50 M/S<sup>2</sup>  
ACCELERATION



UP TO 25,0 M  
CABLE LENGTH



UP TO 300 M/MIN  
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0,14	1,00	7 x Ø	5 x Ø

### APPROVALS



AWM STYLE 21209  
90°C 300V



AWM I/II A/B 90°C  
300V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006



IEC 60754-1  
EN 50267-1

### TECHNICAL DATA



STORAGE - 50°C + 90°C  
DYNAMIC - 30°C + 90°C  
STATIC - 40°C + 90°C



NOMINAL VOLTAGE 300 V  
(UL/CSA)



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



INSULATION RESISTANCE ≥1  
GOHM/KM










### CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE
	INSULATION COLOR	VARIOUS COLOURS
	DRAINWIRE	DRAIN WIRE TINNED COPPER
	SCREEN	SCREEN SF TINNED COPPER 90 % ± 5 %
	SEPARATIONLAYER	TAPE POLYESTER TRANSPARENT.
	SHEATH	INNER JACKET POLYOLEFIN COMPOUND.
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE
	INSULATION COLOR	VARIOUS COLOURS

## CONSTRUCTION FEATURES

OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	OVERALL WRAPPING NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN , RAL: 6018, DESINA: YES

## PRODUCTS FEATURES

	<b>FIRE PERFORMANCE</b> SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO DIN VDE 0482-332-1-2, DIN EN 60332- 1-2, IEC 60332-1-2, UL CABLE FLAME, UL VW-1, CSA FT1		<b>OIL PERFORMANCE</b> VDE 0473-811-404, IEC 60811- 404(EU), CEI EN 50363-10-2(EU), 1581(UL)		<b>UV PERFORMANCE</b> ISO 4892-2, ASTM-D-2565-16, EN 50289-4-17
	<b>WATER PERFORMANCE</b> UL 1581, IEC 60811-1-3		<b>COLD PERFORMANCE</b> EN 60811-1-4		<b>ABRASION PERFORMANCE</b> ASTM D 4060
	<b>MUD PERFORMANCE</b> NEK 606		<b>MICROBE PERFORMANCE</b> VDE 0282/10		<b>HOZONE PERFORMANCE</b> EN 50396 ART. 8.1.3

TECO CODE	OEM REF.	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
46685	SIEMENS	[3X(2X0,14)CCSF/RPE+4X0,14+2X0,50]ST [3X(2XAWG26)CCSF/RPE+4XAWG26+2XAWG21]ST	✓		500	9	120	GROUP 1 3X(2X0,14) : YE-GN, RD-OR, BK- BN GROUP 2 4X0,14 : GY, BU, WH/YE*, WH/BK* GROUP 2 2X0,50 : BN/RD*, BN/BU* *RINGED BICOLOUR
46686	SIEMENS	[3X(2X0,14)CCSF/RPE+4X0,14+4X0,25+2X0,50]ST [3X(2XAWG26)CCSF/RPE+4XAWG26+4XAWG24+2XAWG21]ST	✓		500	9.8	135	GROUP 1 3X(2X0,14) : YE-GN, RD-OR, BK- BN GROUP 2 4X0,14 : GY, BU, WH/YE*, WH/BK* GROUP 2 4X0,25 : BN/YE*, BN/GY*, GN/BK*, GN/RD* GROUP 2 2X0,50 : BN/RD*, BN/BU* *RINGED BICOLOUR

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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