

# DYNAMIC APPLICATION

## PMXX® PLUS ENCODER&RESOLVER 3

### 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  $\varnothing$

5 x  $\varnothing$

### APPROVALS



AWM STYLE 21209  
90°C 300V



AWM I/II A/B 90°C  
300V



2014/35/CEE



IEC 60754-1  
EN 50267-1



2011/65/UE  
2015/863/UE



2014/30/EU

### 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  $\geq$ 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 (MXNXY+NXY)SNCC/ST	FILLER	FILLER POLYPROPYLENE COMPOUND (PP)
	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	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN , RAL: 6018, DESINA: YES
	OVERALL STRANDING (MXNXY+NXY)CCST	FILLER
SEPARATIONLAYER		WRAPPING NON-WOVEN TAPE
DRAINWIRE		DRAIN WIRE TINNED COPPER
SCREEN		SCREEN TINNED COPPER 85 % ± 5 %
SEPARATIONLAYER		OVERALL WRAPPING NON-WOVEN TAPE
SHEATH		POLYURETHANE COMPOUND (TMPU)
SHEATH COLOUR		GREEN , RAL: 6018, DESINA: YES

## PRODUCTS FEATURES



### FIRE PERFORMANCE

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.



### OIL PERFORMANCE

VDE 0473-811-404, IEC 60811-404(EU), CEI EN 50363-10-2(EU), 1581(UL)



### UV PERFORMANCE

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



### WATER PERFORMANCE

UL 1581, IEC 60811-1-3



### COLD PERFORMANCE

EN 60811-1-4



### ABRASION PERFORMANCE

ASTM D 4060



### MUD PERFORMANCE

NEK 606



### MICROBE PERFORMANCE

VDE 0282/10



### HOZONE PERFORMANCE

EN 50396 ART. 8.1.3

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
46683	<b>(3X2X0,14+2X0,34)SNCC/ST</b> (3X2XAWG26+2XAWG22)SNCC/ST	✓	100	500	7	70	GROUP 1 3X2X0,14 : WH-BN, GN-YE, GY-PK GROUP 2 2X0,34 : BU, RD
46688	<b>(3X2X0,25+2X0,50)CCST</b> (3X2XAWG24+2XAWG21)CCST	✓	100	500	7.8	90	GROUP 1 3X2X0,25 : WH-BN, GN-YE, GY-PK GROUP 2 2X0,50 : BU, RD
46689	<b>(3X2X0,34+2X0,50)CCST</b> (3X2XAWG22+2XAWG21)CCST	✓	100	500	8.6	110	GROUP 1 3X2X0,34 : WH-BN, GN-YE, GY-PK GROUP 2 2X0,50 : BU, RD

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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