

## DYNAMIC APPLICATION

# PMXX® PLUS ENCODER&RESOLVER 5



### 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

7.0xØ

5.0xØ

### 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 COMPOUND (PP)
	INSULATION COLOR	VARIOUS COLOURS
	SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
	SCREEN	PAIRS SCREEN TINNED COPPER 85 % ± 5 %
	SHEATH	INNER JACKET POLYOLEFIN COMPOUND.
OVERALL STRANDING	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



### 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
46692	[4X(2X0,25)ST/RPE]ST [4X(2XAWG24)ST/RPE]ST	✓	100	500	9.6	130	WH-YE WH+BU WH+RD WH+GN
46694	[4X(2X0,34)ST/RPE]ST [4X(2XAWG22)ST/RPE]ST	✓			11.2	155	WH-YE WH+BU WH+RD WH+GN
46696	[5X(2X0,34)ST/RPE]ST [5X(2XAWG22)ST/RPE]ST	✓		500	11.6	185	WH-YE WH+BU WH+RD WH+GN WH+BK
46700	[8X(2X0,25)ST/RPE]ST [8X(2XAWG24)ST/RPE]ST	✓		500	14	215	WH-RD WH-RD WH-RD WH-RD WH-RD WH-RD WH-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.  
Company managed and coordinated by Fangen S.r.l.. All rights reserved. No reproduction permitted without written permission from TE.CO. Tecnologia Commerciale S.p.A.