

# DYNAMIC APPLICATION

## PMXX® PLUS SERVO WITH TRIPLET

### APPLICATIVE FEATURES



**UP TO 5 MILLION CYCLE  
GUARANTEED CYCLES**



**50,0 M/S2  
ACCELERATION**



**15,0 M  
CABLE LENGTH**



**300,0 M/MIN  
TRAVEL SPEED**



**MINIMUM BENDING RADIUS**

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	16.00	7xØ	4xØ

### APPROVALS



**AWM STYLE 21209  
90°C 1000V**



**AWM I/II A/B 90°C  
1000V**



**2014/35/CEE**



**2014/30/EU**



**2011/65/UE**



**1907/2006**



**IEC 60754-1  
EN 50267-1**

### TECHNICAL DATA



**STORAGE -50°C +80°C  
DYNAMIC -30°C +90°C  
STATIC -40°C +90°C**



**NOMINAL VOLTAGE 1000 V**



**TEST VOLTAGE 4,0 KV  
TEST VOLTAGE REFERENCE EN  
50395 PART 6-7 - UL/1581**



**INSULATION RESISTANCE ≥1  
GOHM/KM**

### CONSTRUCTION FEATURES

#### POWER CONDUCTORS

CONDUCTOR	CL6 EXTRA-FLEXIBLE. BARE COPPER.
INSULATION	POLYPROPYLENE COMPOUND (PP)
INSULATION COLOR	BLACK CORE WITH WHITE PRINTING ( U/L1/C/L+, V/L2, W/L3/D/L-) + GREEN-YELLOW.
SEPARATION LAYER	INNER TAPE POLYESTER TRANSPARENT TAPE OR NON-WOVEN TAPE










#### CONTROL TRIPLET SCREENED

CONDUCTOR	CL6 EXTRA-FLEXIBLE. BARE COPPER.
INSULATION	POLYPROPYLENE COMPOUND (PP)
INSULATION COLOR	BLACK CORE WITH WHITE PRINTED NUMBERS.
FILLER	FILLER POLYPROPYLENE
SEPARATION LAYER	INTERMEDIATE TAPE POLYESTER TRANSPARENT.
SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
SEPARATION LAYER	INTERMEDIATE TAPE POLYESTER TRANSPARENT.

## CONSTRUCTION FEATURES

OVERALL STRANDING TRIPLET	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	ORANGE , RAL: 2003, DESINA: YES

## PRODUCTS FEATURES

 <p><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.</p>	 <p><b>OIL PERFORMANCE</b> VDE 0473-811-404 IEC 60811-404 (EU) CEI EN 50363-10-2 1581 (UL)</p>	 <p><b>UV PERFORMANCE</b> ACCORDING TO ISO 4892-2, EN 50289-4-17, ASTM-D-2565-16</p>
 <p><b>WATER PERFORMANCE</b> UL 1581 - IEC 60811-1-3</p>	 <p><b>COLD PERFORMANCE</b> EN60811-1-4</p>	 <p><b>ABRASION PERFORMANCE</b> ASTM D 4060</p>
 <p><b>MUD PERFORMANCE</b> NEK 606</p>	 <p><b>MICROBE PERFORMANCE</b> VDE 0282/10</p>	 <p><b>HOZONE PERFORMANCE</b> EN 50396 ART. 8.1.3</p>

TECO CODE	OEM REF.	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
43309	SEW	[4G1,50+(3X1,00)ST]ST [4GAWG16+(3XAWG18)ST]ST	✓		500	11.8	220
43310	SEW	[4G2,50+(3X1,00)ST]ST [4GAWG14+(3XAWG18)ST]ST	✓		500	13.4	280
43311	SEW	[4G4,00+(3X1,00)ST]ST [4GAWG12+(3XAWG18)ST]ST	✓			14.8	350
43312	SEW	[4G6,00+(3X1,50)ST]ST [4GAWG10+(3XAWG16)ST]ST	✓			17	530
43313	SEW	[4G10,00+(3X1,50)ST]ST [4GAWG08+(3XAWG16)ST]ST	✓			19.8	800

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