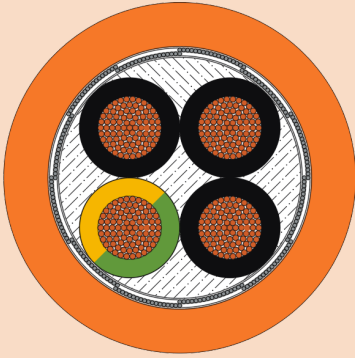


## DYNAMIC APPLICATION

# PMXX® PLUS SERVO



### APPLICATIVE FEATURES



**UP TO 5 MILLION  
GUARANTEED CYCLES**



**50,0 M/S<sup>2</sup>  
ACCELERATION**



**25,0 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	6xØ	3xØ
25.00	95.00	10xØ	5xØ

### 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 (UL/CSA) U<sub>0</sub>/U 0,6/1 KV  
(VDE)



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



**INSULATION RESISTANCE**  
≥1 GOHM/KM(20°C)  
≥10 MOHM/KM(90°C)

## 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
OVERALL STRANDING SERVO	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



### 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 1581 SEC.1061 CABLE FLAME  
UL VW-1  
CSA FT1



### OIL PERFORMANCE

VDE 0207-363-10-2  
IEC 60811-404 (EU)  
CEI EN 50363-10-2  
1581 (UL)



### UV PERFORMANCE

ACCORDING TO ISO 4892-2  
EN 50289-4-17  
ASTM-D-2565-16  
EN 50618



### WATER PERFORMANCE

UL 1581  
IEC 60811-1-3  
EN 50396 (HYDROLYSES  
RESISTANCE)



### COLD PERFORMANCE

EN60811-1-4



### ABRASION PERFORMANCE

ASTM D 4060



### MUD PERFORMANCE

NEK TS 606  
IEC 60092-360 ANNEX C+D



### MICROBE PERFORMANCE

VDE 0282/10



### HOZONE PERFORMANCE

EN 50396 MET. B

TECO CODE	OEM REF.	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
46158		(3G1,50)ST (3GAWG16)ST	✓	100	500	8.2	110
46159		(3G2,50)ST (3GAWG14)ST	✓		500	9.6	170
46160		(4G1,00)ST (4GAWG18)ST	✓	100	500	8.2	100
46161	SIEMENS 6FX8008-1BB11	(4G1,50)ST (4GAWG16)ST	✓	100	500	9	140
46162	SIEMENS 6FX8008-1BB21	(4G2,50)ST (4GAWG14)ST	✓		500	10.6	198
46163	SIEMENS 6FX8008-1BB31	(4G4,00)ST (4GAWG12)ST	✓		500/100	12.3	265
46164	SIEMENS 6FX8008-1BB41	(4G6,00)ST (4GAWG10)ST	✓		100	14.5	400
46165	SIEMENS 6FX8008-1BB51	(4G10,00)ST (4GAWG08)ST	✓			17.5	590
46166	SIEMENS 6FX8008-1BB61	(4G16,00)ST (4GAWG06)ST	✓			21.6	1010
46167	SIEMENS 6FX8008-1BB25	(4G25,00)ST (4GAWG04)ST	✓			25	1480
46168	SIEMENS 6FX8008-1BB35	(4G35,00)ST (4GAWG02)ST	✓			29.4	1950
46169	SIEMENS 6FX8008-1BB50	(4G50,00)ST (4GAWG01)ST	✓			34	2850
46170	SIEMENS 6FX5008-1BB70	(4G70,00)ST (4GAWG2/0)ST	✓			39.9	3965
46171	SIEMENS 6FX8008-1BB95	(4G95,00)ST (4GAWG3/0)ST	✓			47.5	5200

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