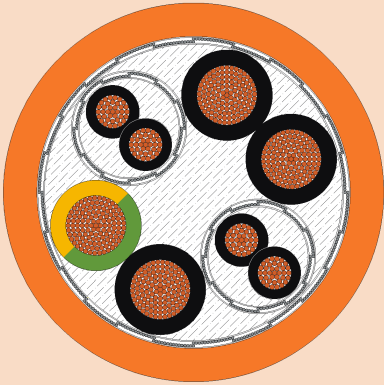


## DYNAMIC APPLICATION

# PMXX® PLUS SERVO WITH PAIR



### 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.
CONTROL PAIR SCREENED (ONE PAIR)	CONDUCTOR	CL6 EXTRA-FLEXIBLE. BARE COPPER.
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	BLACK CORE AND WHITE CORE.
	FILLER	FILLER (OPTIONAL) POLYPROPYLENE
	SEPARATIONLAYER	INNER TAPE NON-WOVEN TAPE
	SCREEN	INNER SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	INNER TAPE NON-WOVEN TAPE
CONTROL PAIR SCREENED (TWO PAIR)	CONDUCTOR	CL6 EXTRA-FLEXIBLE. BARE COPPER.
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	BLACK CORE WITH WHITE PRINTED NUMBERS.
	FILLER	FILLER (OPTIONAL) POLYPROPYLENE
	SEPARATIONLAYER	TAPE SHIELD POLYESTER INSIDE / ALLUMINIUM OUTSIDE
	DRAINWIRE	DRAIN WIRE TINNED COPPER
	SCREEN	INNER SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	INNER TAPE NON-WOVEN TAPE
OVERALL STRANDING ONE PAIR	FILLER	FILLER POLYPROPYLENE
	SEPARATIONLAYER	TAPE NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	TAPE NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	ORANGE, RAL: 2003, DESINA: YES
OVERALL STRANDING TWO PAIR	FILLER	FILLER POLYPROPYLENE
	SEPARATIONLAYER	TAPE NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	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]
46185	INDRAMAT INK 657	[4G0,75+(2X0,50)ST]ST [4GAWG19+(2XAWG21)ST]ST	✓		500	10	150
46186	INDRAMAT INK 653	[4G1,00+2X(2X0,75)ST]ST [4GAWG18+2X(2XAWG19)ST]ST	✓			11.5	240
46172		[4G1,50+(2X1,00)ST]ST [4GAWG16+(2XAWG18)ST]ST	✓		500	11.5	200
46173	SIEMENS 6FX5008-1BA11	[4G1,50+(2X1,50)ST]ST [4GAWG16+(2XAWG16)ST]ST	✓		500	11.7	225
46187	INDRAMAT INK 650	[4G1,50+2X(2X0,75)ST]ST [4GAWG16+2X(2XAWG19)ST]ST	✓		500	12	260
46174		[4G2,50+(2X1,00)ST]ST [4GAWG14+(2XAWG18)ST]ST	✓		500	12.5	275
46175	SIEMENS 6FX8008-1BA21	[4G2,50+(2X1,50)ST]ST [4GAWG14+(2XAWG16)ST]ST	✓			13.5	310
46188	INDRAMAT INK 602	[4G2,50+2X(2X1,00)ST]ST [4GAWG14+2X(2XAWG18)ST]ST	✓		500	14	340
46176		[4G4,00+(2X1,00)ST]ST [4GAWG12+(2XAWG18)ST]ST	✓			14	345
46177	SIEMENS 6FX8008-1BA31	[4G4,00+(2X1,50)ST]ST [4GAWG12+(2XAWG16)ST]ST	✓			14.8	380
46189	INDRAMAT INK 603	[4G4,00+(2X1,00)ST+(2X1,50)ST]ST [4GAWG12+(2XAWG18)+(2XAWG16)ST]ST	✓			16	480
46178	SIEMENS 6FX8008-1BA41	[4G6,00+(2X1,50)ST]ST [4GAWG10+(2XAWG16)ST]ST	✓			16.8	500
46190	INDRAMAT INK 604	[4G6,00+(2X1,00)ST+(2X1,50)ST]ST [4GAWG10+(2XAWG18)+(2XAWG16)ST]ST	✓			17.8	600
46179	SIEMENS 6FX8008-1BA51	[4G10,00+(2X1,50)ST]ST [4GAWG8+(2XAWG16)ST]ST	✓			19.5	720
46191	INDRAMAT INK 605	[4G10,00+(2X1,00)ST+(2X1,50)ST]ST [4GAWG08+(2XAWG18)+(2XAWG16)ST]ST	✓			22.6	840
46180	SIEMENS 6FX8008-1BA61	[4G16,00+(2X1,50)ST]ST [4GAWG6+(2XAWG16)ST]ST	✓			23.2	1050
46192	INDRAMAT INK 606	[4G16,00+2X(2X1,50)ST]ST [4GAWG06+2X(2XAWG16)ST]ST	✓			25.5	1220
46181	SIEMENS 6FX8008-1BA25	[4G25,00+(2X1,50)ST]ST [4GAWG04+(2XAWG16)ST]ST	✓			26.6	1580
46193	INDRAMAT INK 607	[4G25,00+2X(2X1,50)ST]ST [4GAWG04+2X(2XAWG16)ST]ST	✓			29.8	1600
46182	SIEMENS 6FX8008-1BA35	[4G35,00+(2X1,50)ST]ST [4GAWG02+(2XAWG16)ST]ST	✓			30.9	2100
46194	INDRAMAT INK 667	[4G35,00+2X(2X1,50)ST]ST [4GAWG02+2X(2XAWG16)ST]ST	✓			30.5	2100
46183	SIEMENS 6FX8008-1BA50	[4G50,00+(2X1,50)ST]ST [4GAWG01+(2XAWG16)ST]ST	✓			34	3000
43315	INDRAMAT INK 668	[4G50,00+2X(2X2,5)ST]ST [4GAWG01+2X(2XAWG14)ST]ST	✓			37.6	3300

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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