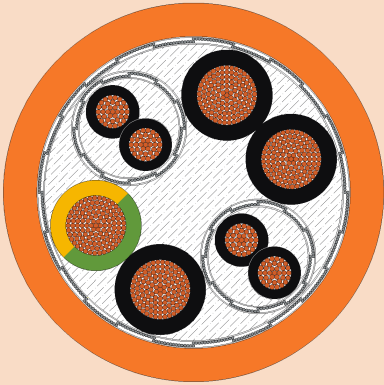


## DYNAMIC APPLICATION

# 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

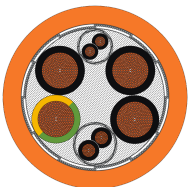
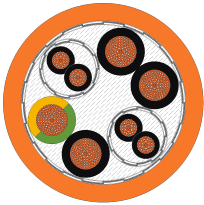
VDE 0282/10



### HOZONE PERFORMANCE

EN 50396 MET. B

REFERENCE DRAW	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
	46178	SIEMENS 6FX8008- 1BA41	[4G6,00+(2X1,50)ST]ST [4GAWG10+(2XAWG16)ST]ST	✓			16.8	500
	46179	SIEMENS 6FX8008- 1BA51	[4G10,00+(2X1,50)ST]ST [4GAWG8+(2XAWG16)ST]ST	✓			19.5	720
	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
	46189	INDRAMAT INK 603	[4G4,00+(2X1,00)ST+(2X1,50)ST]ST [4GAWG12+(2XAWG18)+ (2XAWG16)ST]ST	✓			16	480
	46190	INDRAMAT INK 604	[4G6,00+(2X1,00)ST+(2X1,50)ST]ST [4GAWG10+(2XAWG18)+ (2XAWG16)ST]ST	✓			17.8	600
	46191	INDRAMAT INK 605	[4G10,00+(2X1,00)ST+(2X1,50)ST]ST [4GAWG08+(2XAWG18)+ (2XAWG16)ST]ST	✓			22.6	840



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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