DYNAMIC APPLICATION

PMXX® PLUS

SERVO WITH PAIR

APPLICATIVE FEATURES

UP TO 5 MILLION GUARANTEED CYCLES

50,0 M/S2 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

E244280 — AWM STYLE 21209 90°C 1000V

AWM I/II A/B 90°C 1000V

2014/35/CEE

EMC 2014/30/EU

RoHS 2011/65/UE

REACH 1907/2006

HF HALOGEN FREE — 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_O/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)

TE.CO. S.p.A. Via Achille Grandi, 1
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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**

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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

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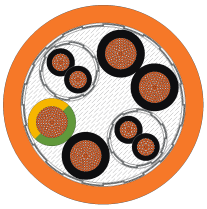
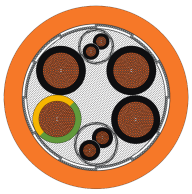
REFERENCE DRAW	TECO CODE	OEM REF.	N° CORES X CROSS-SECTION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
	46185	INDRAMAT INK 657	[4G0,75+(2X0,50)ST]ST [4GAWG19+(2XAWG21)ST]ST	✓		500	10	150
	46186	INDRAMAT INK 653	[4G1,00+2X(2X0,75)ST]ST [4GAWG18+2X(2XAWG19)ST]ST	✓			11.5	240
	46172		[4G1,50+(2X1,00)ST]ST [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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