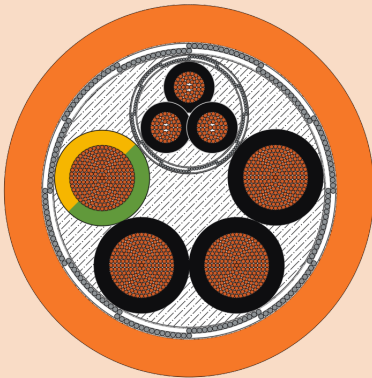


DYNAMIC APPLICATION

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(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
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 NON-WOVEN TAPE
	SCREEN	INNER SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	INTERMEDIATE TAPE NON-WOVEN TAPE
OVERALL STRANDING	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 ART. 8.1.3

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

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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