

DYNAMIC APPLICATION

PMXX® PLUS ENCODER&RESOLVER 4

APPLICATIVE FEATURES



UP TO 5 MILLION CYCLES
GUARANTEED CYCLES



UP TO 50 M/S²
ACCELERATION



UP TO 25,0 M
CABLE LENGTH



UP TO 300 M/MIN
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS
SECTION

CROSS SECTION
MAX

DYNAMIC
INSTALLATION

STATIC
INSTALLATION

0,14

1,00

7 x Ø

5 x Ø

APPROVALS



AWM STYLE 21209
90°C 300V



AWM I/II A/B 90°C
300V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006



IEC 60754-1
EN 50267-1

TECHNICAL DATA



STORAGE -50°C +90°C
DYNAMIC -30°C +90 °C
STATIC -40°C +90°C



NOMINAL VOLTAGE 300 V
(UL/CSA)



TEST VOLTAGE C/C
2000VRMS,1MIN, C/OVERALL
SCREEN 2000VRMS,1MIN



INSULATION RESISTANCE ≥ 1
GOHM/KM

CONSTRUCTION FEATURES

GROUP 1

CONDUCTOR

CL6 EXTRA-FLEXIBLE.
TINNED COPPER

INSULATION

POLYPROPYLENE COMPOUND (PP)

INSULATION COLOR

COLOURS SEQUENCE REFERS TO
DIN 47100 STANDARD.

OVERALL STRANDING (MXNXY)CCST

SEPARATION LAYER

WRAPPING
NON-WOVEN TAPE

DRAIN WIRE

DRAIN WIRE
TINNED COPPER

SCREEN

SCREEN
TINNED COPPER
85 % \pm 5 %

SEPARATION LAYER

OVERALL WRAPPING
NON-WOVEN TAPE

SHEATH

POLYURETHANE COMPOUND
(TPU)










SHEATH COLOUR

GREEN
, RAL: 6018, DESINA: YES

CONSTRUCTION FEATURES

OVERALL STRANDING (MXNXY)RPE/ST	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
	SHEATH	INNER JACKET POLYOLEFIN COMPOUND.
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	OVERALL WRAPPING NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN , RAL: 6018, DESINA: YES

PRODUCTS FEATURES

 <p>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 CABLE FLAME, UL VW-1, CSA FT1.</p>	 <p>OIL PERFORMANCE VDE 0473-811-404, IEC 60811- 404(EU), CEI EN 50363-10-2(EU), 1581(UL)</p>	 <p>UV PERFORMANCE ISO 4892-2, ASTM-D-2565-16, EN 50289-4-17</p>
 <p>WATER PERFORMANCE UL 1581, IEC 60811-1-3</p>	 <p>COLD PERFORMANCE EN 60811-1-4</p>	 <p>ABRASION PERFORMANCE ASTM D 4060</p>
 <p>MUD PERFORMANCE NEK 606</p>	 <p>MICROBE PERFORMANCE VDE 0282/10</p>	 <p>HOZONE PERFORMANCE EN 50396 ART. 8.1.3</p>

TECO CODE	OEM REF.	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
46691		(4X2X0,25)CCST (4X2XAWG24)CCST	✓	100	500/1000	7.6	90	WH-BN, GN-YE, GY-PK, BU-RD
46698	INDRAMAT	(6X2X0,25)RPE/ST (6X2XAWG24)RPE/ST	✓		500	9.7	110	WH-BN, GN-YE, GY-PK, BU-RD, BK-VT, GY/PK*-RD/BU* *RINGED BICOLOUR

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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