

DYNAMIC APPLICATION

PMXX® PLUS ENCODER&RESOLVER 3

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.

GROUP 2

CONDUCTOR

CL6 EXTRA-FLEXIBLE.
TINNED COPPER

INSULATION

POLYPROPYLENE COMPOUND (PP)

INSULATION COLOR

COLOURS SEQUENCE REFERS TO
DIN 47100 STANDARD.

OVERALL STRANDING
(MXNXY+NXY)SNCC/ST

FILLER	FILLER POLYPROPYLENE COMPOUND (PP)
SEPARATIONLAYER	WRAPPING TAPE SCREEN MYLAR INSIDE - ALLUMINIUM OUTSIDE
DRAINWIRE	DRAIN WIRE TINNED COPPER
SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
SEPARATIONLAYER	OVERALL WRAPPING NON-WOVEN TAPE
SHEATH	POLYURETHANE COMPOUND (TPU)
SHEATH COLOUR	GREEN , RAL: 6018, DESINA: YES

CONSTRUCTION FEATURES

OVERALL STRANDING
(MXNXY+NXY)CCST

FILLER	FILLER POLYPROPYLENE COMPOUND (PP)
SEPARATIONLAYER	WRAPPING NON-WOVEN TAPE
DRAINWIRE	DRAIN WIRE TINNED COPPER
SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
SEPARATIONLAYER	OVERALL WRAPPING NON-WOVEN TAPE
SHEATH	POLYURETHANE COMPOUND (TPU)
SHEATH COLOUR	GREEN , RAL: 6018, 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 CABLE
FLAME, UL VW-1, CSA FT1.



OIL PERFORMANCE

VDE 0473-811-404, IEC 60811-
404(EU), CEI EN 50363-10-2(EU),
1581(UL)



UV PERFORMANCE

ISO 4892-2, ASTM-D-2565-16, EN
50289-4-17



WATER PERFORMANCE

UL 1581, IEC 60811-1-3



COLD PERFORMANCE

EN 60811-1-4



ABRASION PERFORMANCE

ASTM D 4060



MUD PERFORMANCE

NEK 606



MICROBE PERFORMANCE

VDE 0282/10



HOZONE PERFORMANCE

EN 50396 ART. 8.1.3

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
46683	(3X2X0,14+2X0,34)SNCC/ST (3X2XAWG26+2XAWG22)SNCC/ST	✓	100		7	70	GROUP 1 3X2X0,14 : WH-BN, GN-YE, GY-PK GROUP 2 2X0,34 : BU, RD
46688	(3X2X0,25+2X0,50)CCST (3X2XAWG24+2XAWG21)CCST	✓	100	500	7.8	90	GROUP 1 3X2X0,25 : WH-BN, GN-YE, GY-PK GROUP 2 2X0,50 : BU, RD
46689	(3X2X0,34+2X0,50)CCST (3X2XAWG22+2XAWG21)CCST	✓	100	500	8.6	110	GROUP 1 3X2X0,34 : WH-BN, GN-YE, GY-PK GROUP 2 2X0,50 : BU, RD

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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