

DYNAMIC APPLICATION

PMXX® PLUS ENCODER&RESOLVER 2

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.

SEPARATION LAYER

TAPE
POLYESTER TRANSPARENT.

SCREEN

SCREEN SF
TINNED COPPER
90 % \pm 5 %

SEPARATION LAYER

TAPE
POLYESTER TRANSPARENT.

GROUP 2

CONDUCTOR

CL6 EXTRA-FLEXIBLE.
TINNED COPPER

INSULATION

POLYPROPYLENE COMPOUND (PP)










INSULATION COLOR

COLOURS SEQUENCE REFERS TO
DIN 47100 STANDARD.

CONSTRUCTION FEATURES

| | | |
|------------------|------------------|---|
| GROUP 3 | CONDUCTOR | CL6 EXTRA-FLEXIBLE. TINNED COPPER |
| | INSULATION | POLYPROPYLENE COMPOUND (PP) |
| | INSULATION COLOR | COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD. |
| OVERALL WRAPPING | FILLER | FILLER POLYPROPYLENE |
| | SEPARATION LAYER | WRAPPING NON-WOVEN TAPE |
| | 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

| | | | | | |
|--|--|---|---|---|---|
|  | 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 |
|-----------|---|-----|-----------|-----------|------------|----------------|---|
| 43322 | [4X2X0,14+ (4X0,14)SF+4X0.50]ST [4X2XAWG26+ (4XAWG26)SF+4XAWG21]ST | ✓ | 100 | 500 | 8.3 | 100 | GROUP 1 4X0,14 : GN/BK*,RD/BK*,YE/BK*,BU/BK* GROUP 2 4X2X0,14 : RD-BK, GN-BN, VT-YE, GY-PK GROUP 3 4X0,50 WH, BU, WH/GN*, BN/GN* *RINGED BICOLOUR |

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