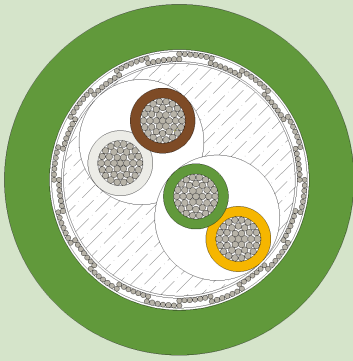


## DYNAMIC APPLICATION

# PMXX® PLUS ENCODER&RESOLVER 11



### APPLICATIVE FEATURES



**UP TO 5 MILLION CYCLES  
GUARANTEED CYCLES**



**UP TO 50 M/S<sup>2</sup>  
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

7.0xø

5.0xø

### 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

POLYOLEFIN COMPOUND.

INSULATION COLOR

COLOURS SEQUENCE REFERS TO DIN 47100  
STANDARD.

OVERALL STRANDING

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)

## 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
46682	(2X2X0,34)ST (2X2XAWG22)ST	✓	100	500	7	70	GROUP 1 2X2X0,34 : WH-BN GN-YE
46687	(3X2X0,34)ST (3X2XAWG22)ST	✓	100	500	7.5	80	GROUP 1 3X2X0,34 : WH-BN PK+GY GN-YE
46701	(8X2X0,22)ST (8X2XAWG24)ST	✓		500	9.5	125	GROUP 1 8X2X0,22 : WH-BN GN-YE GY-PK BU+RD BK-VT GY/PK*-RD/BU* WH/GN*-BN/GN* WH/YE*-YE/BN* *RINGED BICOLOUR

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