

# DYNAMIC APPLICATION

## PMXX® SIGNAL

### APPLICATIVE FEATURES



UP TO 5 MILLION  
GUARANTEED CYCLES



30,0 M/S<sup>2</sup>  
ACCELERATION



15,0 M  
CABLE LENGTH



240,0 M/MIN  
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0,14	1,00	6xØ	4xØ

### APPROVALS



AWM STYLE 20233  
80°C 300V



AWM I/II A/B 80°C  
300V



2014/35/CEE



2014/30/EU



2011/65/UE



IEC 60754-1  
EN 50267-1

### TECHNICAL DATA



DYNAMIC -30°C +80°C  
STATIC -40°C +80°C



NOMINAL VOLTAGE 300 V  
(UL/CSA) 300 V (VDE)



TEST VOLTAGE 2,0 KV



INSULATION RESISTANCE > 100  
MΩ X KM

### CONSTRUCTION FEATURES

SIGNAL CONDUCTORS	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD.
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN , RAL: 6018, DESINA: NO

## 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, CSA FT1.



### OIL PERFORMANCE

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



### UV PERFORMANCE

ACCORDING TO ISO 4892-2, HD605 PART. 2.4.20



### WATER PERFORMANCE

UL 1581 - IEC 60811-1-3



### COLD PERFORMANCE

EN60811-1-4



### 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]
23877	<b>12X0,25</b> 12XAWG24	✓	100	500	6.6	65
23878	<b>18X0,25</b> 18XAWG24	✓		500	7.9	97
23879	<b>24X0,25</b> 24XAWG24	✓	100	500	9.5	127
23880	<b>37X0,25</b> 37XAWG24	✓		500	11.2	211

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