

# 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	12X0,25 12XAWG24	✓	100	500	6.6	65
23878	18X0,25 18XAWG24	✓		500	7.9	97
23879	24X0,25 24XAWG24	✓	100	500	9.5	127
23880	37X0,25 37XAWG24	✓		500	11.2	211

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