

# DYNAMIC APPLICATION

## PMXX® PLUS SIGNAL WITH PAIR-ST

### APPLICATIVE FEATURES



UP TO 5 MILION CYCLES  
GUARANTEED CYCLES



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



15,0 M  
CABLE LENGTH



300,0 M/MIN  
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	0.25	6.5xØ	4xØ
0.34	1.00	10xØ	5xØ

### 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) 300 V (VDE)



TEST VOLTAGE 2,0 KV



INSULATION RESISTANCE  $\geq$ 1  
GOHM/KM

### CONSTRUCTION FEATURES

TWISTED PAIR	CONDUCTOR	CL6 EXTRA-FLEXIBLE. BARE COPPER.
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD.
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATIONLAYER	TAPE NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % $\pm$ 5 %
	SEPARATIONLAYER	TAPE NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GRAY , RAL: 7001, 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, UL VW-1, CSA FT1.



### OIL PERFORMANCE

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



### UV PERFORMANCE

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



### 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]
46657	(2X2X0,75)ST (2X2XAWG19)ST	✓	100	500	8.4	95
46735	(3X2X0,25)ST (3X2XAWG24)ST	✓	100/200	500	6.3	60
46658	(4X2X0,75)ST (4X2XAWG19)ST	✓		500	9.7	140

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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