

# DYNAMIC APPLICATION

## PMXX® PROXIMITY SENSORS

### APPLICATIVE FEATURES



UP TO 5 MILLION CYCLES  
GUARANTEED CYCLES



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



15,0M  
CABLE LENGTH



240,00M/MIN  
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS  
SECTION

CROSS SECTION  
MAX

DYNAMIC  
INSTALLATION

STATIC  
INSTALLATION

0.34

0.50

6xØ

4xØ

### APPROVALS



AWM STYLE 20233  
80°C 300V



AWM I/II A/B 80°C  
300V



2014/35/CEE



2011/65/UE



1907/2006



IEC 60754-1  
EN 50267-1

### TECHNICAL DATA



STORAGE -50°C +80°C  
DYNAMIC -20°C +80°C  
STATIC -40°C +80°C



NOMINAL VOLTAGE 300 V



TEST VOLTAGE 1500V



INSULATION RESISTANCE > 100  
MΩ X KM (20°C)

### CONSTRUCTION FEATURES

SIGNAL CONDUCTORS

CONDUCTOR

CL6 EXTRA-FLEXIBLE.  
BARE COPPER.

INSULATION

POLYPROPYLENE COMPOUND (PP)

INSULATION COLOR

VARIOUS COLOURS

OVERALL STRANDING

FILLER

FILLER  
POLYPROPYLENE

SEPARATION LAYER

TAPE  
NON-WOVEN TAPE

SHEATH

POLYURETHANE COMPOUND  
(TMPU)

SHEATH COLOUR

MATTE BLACK  
, RAL: 9005, DESINA: NO

## PRODUCTS FEATURES



### FIRE PERFORMANCE

DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1-2, UL CABLE FLAME, VW-1, FT1.



### OIL PERFORMANCE

1581(UL); IEC 60811-404(EU); CEI EN 50363-10-2(EU); IRM 902



### UV PERFORMANCE

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

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
27720	<b>3X0,34</b> 3XAWG22	✗	100	500	4.6	26	BLUE, BROWN, BLACK
19356	<b>4X0,34</b> 4XAWG22	✗	100	500	4.9	32	BLUE, BROWN, BLACK, WHITE
27263	<b>5G0,50</b> 5GAWG21	✓	100/200	500	6.1	56	BLUE, BROWN, BLACK, WHITE, GREEN/YELLOW

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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