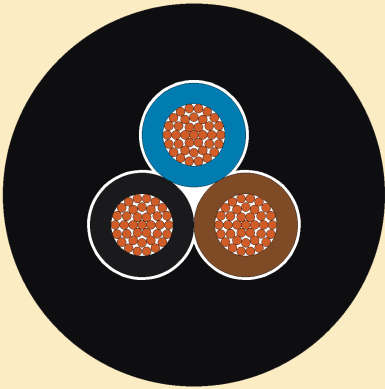


## DYNAMIC APPLICATION

# PMXX<sup>®</sup> SENSOR&ACTUATOR



### APPLICATIVE FEATURES



**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  
MIN (MM<sup>2</sup>)**

**CROSS SECTION  
MAX (MM<sup>2</sup>)**

**DYNAMIC  
INSTALLATION**

**STATIC  
INSTALLATION**

0.34

0.50

6.0xØ

4.0xØ

### DESCRIPTION

UL/CSA certified flexible multicore cables used in decentralized control technology as connector systems for sensors, actuators, controls, drives, and photocells. Suitable for wiring with ordinary, PNP, NPN, or equivalent type Lumberg sensor cables with medium mechanical stress applications. In combination with injected circular connectors and installed actuator-sensor boxes, they constitute an important connecting element between the periphery and the PLC in production systems. These cables are designed for high dynamic applications in drag chains, working in dry conditions with high resistance to industrial oils and chemical agents. Reduced external diameter for low-space applications.

### APPROVALS



**AWM STYLE 20233 80°C  
300V  
File E244280**



**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**  
1500 V



**INSULATION RESISTANCE**  
> 100 MOHM/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 (UL)  
FT1 (CSA)



**OIL PERFORMANCE**  
UL 1581  
IEC 60811-404  
CEI EN 50363-10-2  
IRM 902



**UV PERFORMANCE**  
ISO 4892-2  
HD605.2.4.20



**WATER PERFORMANCE**  
UL 1581  
IEC 60811-1-3



**COLD PERFORMANCE**  
EN60811-1-4



**ABRASION PERFORMANCE**  
ASTM D 4060

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	INS. COLOUR EXC
27720	3X0,34 3XAWG22	X	100	500	4.6	26	BLUE, BROWN, BLACK
19356	4X0,34 4XAWG22	X	100	500	4.9	32	BLUE, BROWN, BLACK, WHITE
27263	5G0,50 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.

Company managed and coordinated by Erredue S.r.l.. All rights reserved. No reproduction permitted without written permission from TE.CO. Tecnologia Commerciale S.p.A.