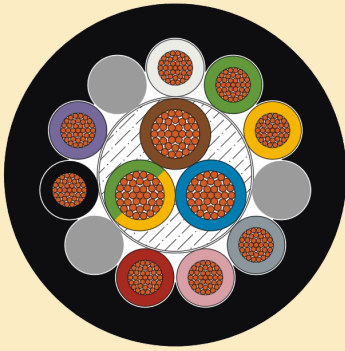


DYNAMIC APPLICATION

PMXX[®] SENSOR & ACTUATOR BOX 300V



APPLICATIVE FEATURES



**5 MILLION
GUARANTEED CYCLES**



**30,0 M/S²
ACCELERATION**



**15,0 M
CABLE LENGTH**



**200,0 M/MIN
TRAVEL SPEED**



MINIMUM BENDING RADIUS

**CROSS SECTION
MIN (MM²)**

**CROSS SECTION
MAX (MM²)**

**DYNAMIC
INSTALLATION**

**STATIC
INSTALLATION**

0.34

0.75

7.5xØ

4.0xØ

DESCRIPTION

Multi-core UL/CSA certified sensor-actuator box cables, designed for continuous flexing use in drag chains or free movement in automation technology, machine tool manufacturing, or transport and conveyor technology, also suitable for the automotive industry or for plant and mechanical engineering. The polyurethane outer jacket and the low-capacity insulation provide excellent performance even in extremely harsh operating conditions, with the presence of aggressive coolants and lubricants.

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



**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

POWER CONDUCTORS	CONDUCTOR	CL6 EXTRA-FLEXIBLE. BARE COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	UNEL TABLE COLOUR
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
IEC 60332-1-2
UL CABLE FLAME
VW-1 (UL)
FT1 (CSA)



OIL PERFORMANCE
VDE 0473-811-404
IEC 60811-404
CEI EN 50363-10-2
UL 1581



UV PERFORMANCE
ISO 4892-2
HD605.2.4.20



WATER PERFORMANCE
UL 1581
IEC 60811-1-3



COLD PERFORMANCE
EN 60811-1-4



ABRASION PERFORMANCE
ASTM D 4060



HOZONE PERFORMANCE
EN 50396-8-1-3

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	INS. COLOUR EXC
23410	3G0,75+8X0,34 3GAWG19+8XAWG22	✓	100	500	8.5	110	SIGNAL CONDUCTORS: WHITE, GREEN, YELLOW, GRAY, PINK, RED, BLACK, VIOLET
26792	3G0,75+16X0,34 3GAWG19+16XAWG22	✓		500	10	144	SIGNAL CONDUCTORS: WHITE, GREEN, YELLOW, GRAY, PINK, RED, BLACK, VIOLET, GRAY/PINK*, RED/BLUE*, WHITE/GREEN*, BROWN/GREEN*, WHITE/YELLOW*, YELLOW/BROWN*, WHITE/GRAY*, GRAY/BROWN*. *RING BICOLOUR.

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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