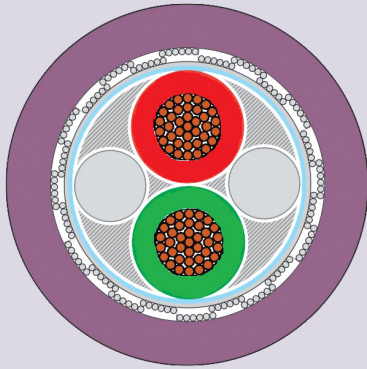


DYNAMIC APPLICATION

PMXX[®] PROFIBUS



APPLICATIVE FEATURES



**5 MILLION
GUARANTEED CYCLES**



**10,0 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

0.34

7.5xØ

6.0xØ



DESCRIPTION

UL/CSA certified flexible cables for industrial devices that work with the PROFIBUS[®] data transmission standard, designed for dynamic applications in drag chains but also suitable for static laying. The construction of these cables is designed to limit electromagnetic interference for optimal and clean communication. The polyurethane outer jacket provides good resistance properties against mechanical stress and chemical agents.

APPROVALS



AWM STYLE 20236
80°C 30V

E244280



AWM I-II A-B 80°C 30V

EMC

2014/30/EU



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
30 V



TEST VOLTAGE
500 V



INSULATION RESISTANCE
≥ 1 GOHM/KM



NOMINAL IMPEDANCE
150 ± 10 % OHM

CONSTRUCTION FEATURES

SIGNAL	CONDUCTOR	CL6 EXTRA-FLEXIBLE. BARE COPPER
	INSULATION	EXPANDED POLYETHYLENE (PEE)
	INSULATION COLOR	GREEN RED
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	TAPE PET - POLYESTER.
	SCREEN	SHIELD BRAID TINNED COPPER 85 % ± 5 %
	SCREEN	SHIELD TAPE ALLUMINIUM INSIDE - NON-WOVEN OUTSIDE 100 % ± 5 %
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	VIOLET, RAL: 4001, DESINA: YES

PRODUCTS FEATURES



FIRE PERFORMANCE

SELF-EXTINGUISHING AND FLAME
RETARDANT ACC. TO 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
EN 50289-4-17
ASTM-D-2565-16

TECO CODE	N° CORES X CROSS- SECTION	CAPACITANCE (NF/KM)	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
12746	(1X2XAWG22/44)ST/SN	30	✓	100	500	8	85

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.