

DYNAMIC APPLICATION

PMXX® PROFIBUS

APPLICATIVE FEATURES



**UP TO 5 MIO
GUARANTEED CYCLES**



**10,0M/SEC²
ACCELERATION**



**15,0M
CABLE LENGTH**



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



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0,34	0,34	7,5xØ	6xØ

APPROVALS



**AWM STYLE 20236
80°C 30V**



**AWM I-II A-B 80°C
30V**



2014/30/EU



2011/65/UE



1907/2006



IEC 60754-1

TECHNICAL DATA



**DYNAMIC -40°C +80°C
STATIC -50°C +80°C**



NOMINAL VOLTAGE 30V



TEST VOLTAGE 500V



**INSULATION RESISTANCE ≥ 1
GOHM/KM**



**NOMINAL IMPEDANCE
150±10% OHM**



ATTENUATION

MHz	22 AWG dB/100m
1.00 MHz	1.2
4.00 MHz	
10.00 MHz	
16.00 MHz	4.9
20.00 MHz	5.4
31.00 MHz	
62.50 MHz	
100.00 MHz	
155.52 MHz	
200.00 MHz	
250.00 MHz	

CONSTRUCTION FEATURES

SIGNAL	CONDUCTOR	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 %
	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
FT1(CSA); IEC 60332-1-
2(EU)



OIL PERFORMANCE
CEI EN 50363-10-2(EU);
IRM 902



UV PERFORMANCE
UV RESISTANT

TECO CODE	FORMATION	CAPACITANCE [NF/KM]	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
12746	(1X2XAWG22/44)ST/SN	30	✓	100	500	8	85

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