

DYNAMIC APPLICATION

PMXX® PLUS ENCODER&RESOLVER 1

APPLICATIVE FEATURES



UP TO 5 MILLION CYCLES
GUARANTEED CYCLES



UP TO 50 M/S²
ACCELERATION



UP TO 25,0 M
CABLE LENGTH



UP TO 300 M/MIN
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS
SECTION

CROSS SECTION
MAX

DYNAMIC
INSTALLATION

STATIC
INSTALLATION

0,14

1,00

7 x Ø

5 x Ø

APPROVALS



AWM STYLE 21209
90°C 300V



AWM I/II A/B 90°C
300V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006



IEC 60754-1
EN 50267-1

TECHNICAL DATA



STORAGE - 50°C + 90°C
DYNAMIC - 30°C + 90°C
STATIC - 40°C + 90°C



NOMINAL VOLTAGE 300 V
(UL/CSA)



TEST VOLTAGE C/C
2000VRMS,1MIN, C/OVERALL
SCREEN 2000VRMS,1MIN



INSULATION RESISTANCE \geq 1
60HM/KM

CONSTRUCTION FEATURES

GROUP 1

CONDUCTOR

CL6 EXTRA-FLEXIBLE.
TINNED COPPER

INSULATION

POLYPROPYLENE COMPOUND (PP)

INSULATION COLOR

COLOURS SEQUENCE REFERS TO
DIN 47100 STANDARD.

DRAINWIRE

DRAIN WIRE
TINNED COPPER

SCREEN

SCREEN SF
TINNED COPPER
90 % \pm 5 %

SEPARATION LAYER

TAPE
POLYESTER TRANSPARENT.










SHEATH

INNER JACKET
POLYOLEFIN COMPOUND.

CONSTRUCTION FEATURES

GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD.
	SCREEN	SCREEN SF TINNED COPPER 90 % ± 5 %
	SEPARATIONLAYER	TAPE POLYESTER TRANSPARENT.
	SHEATH	INNER JACKET B POLYOLEFIN COMPOUND.
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATIONLAYER	WRAPPING NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	OVERALL WRAPPING NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN , RAL: 6018, DESINA: YES

PRODUCTS FEATURES

	FIRE PERFORMANCE SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO DIN VDE 0482-332-1-2, DIN EN 60332- 1-2, IEC 60332-1-2, UL CABLE FLAME, UL VW-1, CSA FT1		OIL PERFORMANCE VDE 0473-811-404, IEC 60811- 404(EU), CEI EN 50363-10-2(EU), 1581(UL)		UV PERFORMANCE ISO 4892-2, ASTM-D-2565-16, EN 50289-4-17
	WATER PERFORMANCE UL 1581, IEC 60811-1-3		COLD PERFORMANCE EN 60811-1-4		ABRASION PERFORMANCE ASTM D 4060
	MUD PERFORMANCE NEK 606		MICROBE PERFORMANCE VDE 0282/10		HOZONE PERFORMANCE EN 50396 ART. 8.1.3

TECO CODE	OEM REF.	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
46684	HEIDENHAIN	[3X(2X0,14)CCSF/RPE+2X(0,50)SF/RPE]ST [3X(2XAWG26)CCSF/RPE+2X(AWG21)SF/RPE]ST	✓			8.8	110	GROUP 1 3X(2X0,14) : YE- GN, RD-BU, GY-PK GROUP 2 2X(0,50) : WH, BN

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 Fangen S.r.l.. All rights reserved. No reproduction permitted without written permission from TE.CO. Tecnologia Commerciale S.p.A.