

DYNAMIC APPLICATION

FRX® PLUS ENCODER&RESOLVER 9

APPLICATIVE FEATURES



**UP TO 5 MIO
GUARANTEED CYCLES**



**10,0M/SEC²
ACCELERATION**



**20,0M
CABLE LENGTH**



**180,00M/MIN
TRAVEL SPEED**



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0,14	1,00	7.5xØ	6.0xØ

APPROVALS



**AWM STYLE 20042
90°C 300V**



**AWM I/II A/B 90°C
300V**



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

TECHNICAL DATA



**DYNAMIC -5 °C +90 °C
STATIC -40 °C +90 °C**



**NOMINAL VOLTAGE 300V
(UL/CSA)**



**TEST VOLTAGE C/C
2000VRMS,1MIN;
CORE/OVERALL SCREEN
2000VRMS,1MIN**



**INSULATION RESISTANCE ≥1
GOHM/KM**

CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	VARIOUS COLOURS
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	VARIOUS COLOURS
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE COMPOUND (PP)
	SEPARATIONLAYER	WRAPPING NON-WOVEN TAPE
	DRAINWIRE	DRAIN WIRE TINNED COPPER
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	OVERALL WRAPPING NON-WOVEN TAPE
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GREEN , RAL: 6018, DESINA: YES

PRODUCTS FEATURES



FIRE PERFORMANCE

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 50363-4-1 (EU); 1581 (UL)



UV PERFORMANCE

CEI EN 50289-4-17, ISO 4892-2, ASTM-D-2565-16



WATER PERFORMANCE

UL 1581, IEC 60811



HYDROCARBONS PERFORMANCE

UL 1581

TECO CODE	OEM REF.	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
46634	INDRAMAT	(4X2X0,25+2X0,50)CC/ST (4X2XAWG24+2XAWG21)CC/ST	✓	100	500	8.5	107	GROUP 1 4X2X0,25 : BN-GN, GY-PK, BU-VT, RD-BK GROUP 2 2X0,50 : 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.

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