

DYNAMIC APPLICATION

FRX® PLUS ENCODER&RESOLVER 2

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



2011/65/UE
2015/863/UE



2014/30/EU

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	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD.
	DRAINWIRE	DRAIN WIRE TINNED COPPER
	SEPARATIONLAYER	WRAPPING TAPE SCREEN ALLUMINIUM INSIDE/POLYESTER OUTSIDE
	SEPARATIONLAYER	TAPE POLYESTER TRANSPARENT.
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD.
GROUP 3	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	VARIOUS COLOURS

CONSTRUCTION FEATURES

OVERALL STRANDING	SEPARATION LAYER	WRAPPING NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	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	FORMATION	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
46627	[(2X0,34)CCSN+6X2X0,34+2X1,00]ST [(2XAWG22)CCSN+6X2XAWG22+2XAWG18]ST	11	180	GROUP 1 2X0,34 : WH-BN GROUP 2 6X2X0,34 : GN-YE, GY-PK, BU-RD, BK-VT, WH/GN*-BN/GN*, GY/PK*-RD/BU* GROUP 3 2X1,00 : RD-BU *RINGED BICOLOUR

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