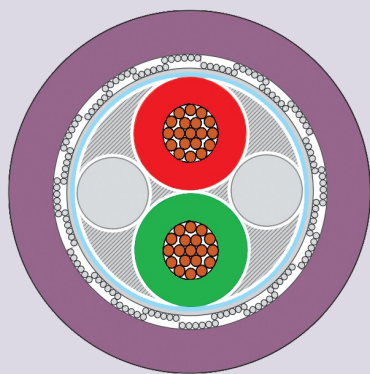


# DYNAMIC APPLICATION

## FRX® PROFIBUS



### APPLICATIVE FEATURES



**UP TO 5 MIO.  
GUARANTEED CYCLES**



**4,0 M/SEC<sup>2</sup>  
ACCELERATION**



**10,0 M  
CABLE LENGTH**



**120,0 M/MIN  
TRAVEL SPEED**



**MINIMUM BENDING RADIUS**

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	0.34	12xØ	10xØ

### APPROVALS



**AWM STYLE 2571 80°C  
300V**



**AWM I/II A/B 80°C  
300V**



**2014/35/CEE**



**2014/30/EU**



**2011/65/UE**



**1907/2006**

### TECHNICAL DATA



**DYNAMIC  
-5°C +80°C  
STATIC  
-40°C +80°C**



**NOMINAL VOLTAGE  
300V**



**TEST VOLTAGE  
2000V**



**INSULATION RESISTANCE  
5 GOHM/KM**



**NOMINAL IMPEDANCE  
150OHM  
± 10%**

### CONSTRUCTION FEATURES

PAIR	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER.
	INSULATION	EXPANDED POLYETHYLENE (PEE)
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	INTERMEDIATE TAPE NON-WOVEN TAPE
	SCREEN	SHIELD TAPE MYLAR INSIDE - ALUMINIUM OUTSIDE 100 % ± 20 %
	SCREEN	SCREEN TINNED COPPER 60 % ± 5 %
	SEPARATION LAYER	OVERALL TAPE NON-WOVEN TAPE
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	VIOLET, RAL: 4001, DESINA: YES

## PRODUCTS FEATURES



### FIRE PERFORMANCE

VW-1(UL)  
FT1(CSA)  
IEC 60332-1-2(EU)



### OIL PERFORMANCE

1581(UL)  
IEC 60811-404(EU)  
CEI EN 50363-4-1(EU)  
ICEA S-82-552  
IRM 902

TECO CODE	FORMATION	CAPACITANCE [NF/KM]	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
11604	(1X2XAWG22-19)SN-ST	30	✓	100	500	8	65	GREEN RED

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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