



# ENCODER



**Contact Cables**  
The Cable Specialists

## TECHNICAL DATA

	Minimum bending radius	12 x diam.
	Maximum speed	180 m/min
	Maximum acceleration	6 m/s <sup>2</sup>
	Conductor	Flexible cond. complying with: NFC 32012 Class 5, CEI 20-29 Class 5, IEC 228 Class 5, VDE 0295 Class 5
	Insulation	PP
	Colour code	Sec. = 0.38 mm <sup>2</sup> : Bl/Pu -Rd/Or-Br/Blk-Ye/Gry Sec. = 0.50 mm <sup>2</sup> : Ye/Wht - Rd/Wht - Bl/Wht - Blk/Wht
	Shield	Total tinned copper braid covering 85%
	Jacket	Special compound type <b>OFS</b> Colour: green RAL 6018
	Service temperature	Rating: -10 +80 °C Storage: -40 +85 °C
	Voltage	30 V
	Dielectric strength	1500 V
	Insulation resistance	>100 Mohm. Km

### NORMATIVE REFERENCE

- Oil resistance  
VDE 0472 part 803/B (04/1986)  
EN 60811.2.1, VDE 0282 p. 10  
HD 22.10 S1
- Refrigerant oil resistance  
CNOMO E. 03.40.150  
NFT 46-013
- Flame resistance  
CEI EN 50265-2-1, DIN EN 50265-2-1,  
NFC 32070 C2, IEC 60332.1.1
- Fire resistance  
CEI 20-22/II, DIN EN 50266-2-5  
NFC 32070 cat. C1 Test 2,  
IEC 60332.3.24 cat. C

FORMATION	CODE	DIAM. NOM. mm	CU kg/km
<b>(4x2x0.38+4x0.50) SK</b>	13-MBS21Z12R-V1	8.9	75