



SPECIALFLEX ENCODER

Interconnecting encoder cable

TECHNICAL DATA

Minimum Bending Radius
12 x diam.

Maximum Speed
180 m/min

Maximum Acceleration
6 m/s²

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. = 0.38mm²:
Bl/Pu-Rd/Or-Br/Blk-Ye/Gry
Sec. = 0.50mm²:
Ye/Wht-Rd/Wht-Bl/Wht-Blk/Wht

Shield
Total tinned copper braid
covering ≥ 85%

Jacket
Special compound type **OF**
Colour: green RAL 6018

Service Temperature
Rating: -10 +80°C
Storage: -40 +85°C

Voltage
250 V

Dielectric Strength
1500 V

Insulation Resistance
>100 MOhm. Km

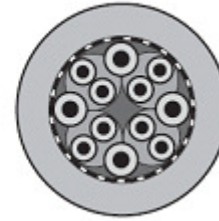
NORMATIVE REFERENCE

Oil Resistance
VDE 0472 part 803 A/B (04/1986)
UL 1581 VDE 0282 Teil 10
HD 22.10 S1

Refrigerated 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



Specification Information

Formation	Code	Diam. mm	CU kg/km
(4x2x0.38+4x0.50) SK	13-MBS21Z12R-V1	8.9	75

