

FLEXICS® SPIRAL 911

PP/PUR multicore control cable, coilable

DESIGN



- 1 | Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Core insulation of polypropylene compound (PP)
- 3 | Cores are stranded in layers with optimal lay-length
- 4 | Mineral powder separation
- 5 | Special polyurethane (PUR) outer sheath, shiny finished, colour: orange (RAL 2003), other colours upon request

APPLICATION

FLEXICS® SPIRAL 911 cables have been developed especially for continuous moving machine parts. They are designed for indoor applications exposed to high mechanical stress and possess an increased resistance against a wide range of oils, greases, coolants and lubricants. These cables have a very good memory and are very durable. Further spiral processing possible.

TECHNICAL DATA



Rated voltage:
300/500 V (U_o/U)



Test voltage:
core / core 4000 V / 50 Hz



Temperature range:
operating temperature: -30 °C up to 80 °C



Core identification:
colour coded or continuously numbered
according to internal standards or customer
requirements

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® SPIRAL 911			
2 x 0.75	5.7	14.4	39
3 G 0.75	6.1	21.6	47
4 G 0.75	6.7	28.8	59
5 G 0.75	7.3	36.0	71
7 G 0.75	8.0	50.0	93
12 G 0.75	10.1	86.4	150
18 G 0.75	12.2	129.6	224
2 x 1	6.1	19.2	45
3 G 1	6.6	28.8	57
4 G 1	7.1	38.4	70
5 G 1	7.6	48.0	85
7 G 1	8.5	67.0	110
12 G 1	11.0	115.2	184
18 G 1	13.1	172.8	268
2 x 1.5	6.5	29.0	60
3 G 1.5	7.1	43.0	75
4 G 1.5	7.5	57.6	96
5 G 1.5	8.6	72.0	116



FLEXICS® SPIRAL 911

PP/PUR multicore control cable, coilable

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® SPIRAL 911			
7 G 1.5	9.6	101.0	152
12 G 1.5	12.7	172.8	253
18 G 1.5	14.9	259.2	369
3 G 2.5	8.6	72.0	119
4 G 2.5	9.2	96.0	153
5 G 2.5	10.5	120.0	185

Technical changes reserved. All figures are therefore without guarantee.

14.1.2022, 11:44