

EXTENSIFLEX-E

Electronic Spiral cable



Application
 Extensiflex E is suitable for many electronic applications such as medical equipment, measuring instruments & various applications in the motor industry. The cables have an excellent reset ability and will provide long service life in the correct applications.

Construction

Conductor :	Fine stranded plain copper according to VDE 0295
Insulation:	Semocore
Core colour :	According to DIN 47 100
Core Arrangement :	Cores twisted around in concentric layers with special length of lay
Outer sheath :	Polyurethane 11YM1 acc. To VDE 0250 part 818
Sheath colour :	Black as standard, also available in White, Orange & Yellow
Imprint :	None

Working Environment

Maximum operating temperature Environment :	-30 deg C - + 80 deg C suitable for use in dry & humid areas
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Electrical properties

Nominal voltage :	300 V
Test Voltage :	core/core 0.14/0.25mm ² - 1200 V core/core 0.34/0.50mm ² - 1500 V

Additional information

Closed spiral length :	3000mm Maximum
Extended Spiral Length :	up to 4 x closed length
Straight ends (tails) :	Standard ends 200mm / 200mm - straight ends available up to 25m
Oil Resistance :	acc. To VDE 0472 part 803 test type B
Halogen Free :	Yes



- ① Copper conductor
- ② Semocore insulation
- ③ PUR outer sheath

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Part No	Cross Section mm ²	Current Rating @ 30 Deg	Inside Diameter (mm)	Cable Diameter (mm)	Outer Diameter (mm)
08073 0014 03	3 G 0.14		6.0	3.2	13 - 18
08073 0014 04	4 G 0.14		6.0	3.4	13 - 18
08073 0014 05	5 G 0.14		6.0	3.8	14 - 19
08073 0014 07	7 G 0.14		8.0	4.5	17 - 22
08073 0014 08	8 G 0.14		8.0	5.0	18 - 23
08073 0014 12	12 G 0.14		10.0	5.3	21 - 26
08073 0014 18	18 G 0.14		10.0	6.4	23 - 28
08073 0014 25	25 G 0.14		12.0	7.4	27 - 32
08073 0025 03	3 G 0.25		6.0	3.8	14 - 19
08073 0025 04	4 G 0.25		6.0	4.0	14 - 19
08073 0025 05	5 G 0.25		8.0	4.3	17 - 22
08073 0025 07	7 G 0.25		10.0	5.1	20 - 25
08073 0025 08	8 G 0.25		10.0	5.7	22 - 27
08073 0025 12	12 G 0.25		10.0	6.2	23 - 28
08073 0025 18	18 G 0.25		12.0	7.4	27 - 32
08073 0025 25	25 G 0.25		14.0	8.8	32 - 37
08073 0034 03	3 G 0.34		8.0	4.4	17 - 22
08073 0034 04	4 G 0.34		8.0	4.7	18 - 23
08073 0034 05	5 G 0.34		10.0	5.3	21 - 26
08073 0034 07	7 G 0.34		10.0	6.2	23 - 28
08073 0034 08	8 G 0.34		10.0	6.6	24 - 29
08073 0034 12	12 G 0.34		12.0	7.4	27 - 32
08073 0034 18	18 G 0.34		14.0	8.5	31 - 36
08073 0034 25	25 G 0.34		14.0	10.4	35 - 40
08073 0050 03	3 G 0.50		8.0	4.6	17 - 22
08073 0050 04	4 G 0.50		8.0	4.8	18 - 23
08073 0050 05	5 G 0.50		8.0	5.5	19 - 24
08073 0050 08	8 G 0.50		10.0	7.1	24 - 29
08073 0050 12	12 G 0.50		12.0	8.0	28 - 33
08073 0050 18	18 G 0.50		14.0	9.5	33 - 38