

# EXTENSIFLEX-E-C

## Screened Electronic Spiral cable



**Application**  
 Extensiflex E-C 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
Screen :	Plain copper screen, coverage approx. 90%
Sheath colour :	Black as standard, other colours available on request
Imprint :	None

### Working Environment

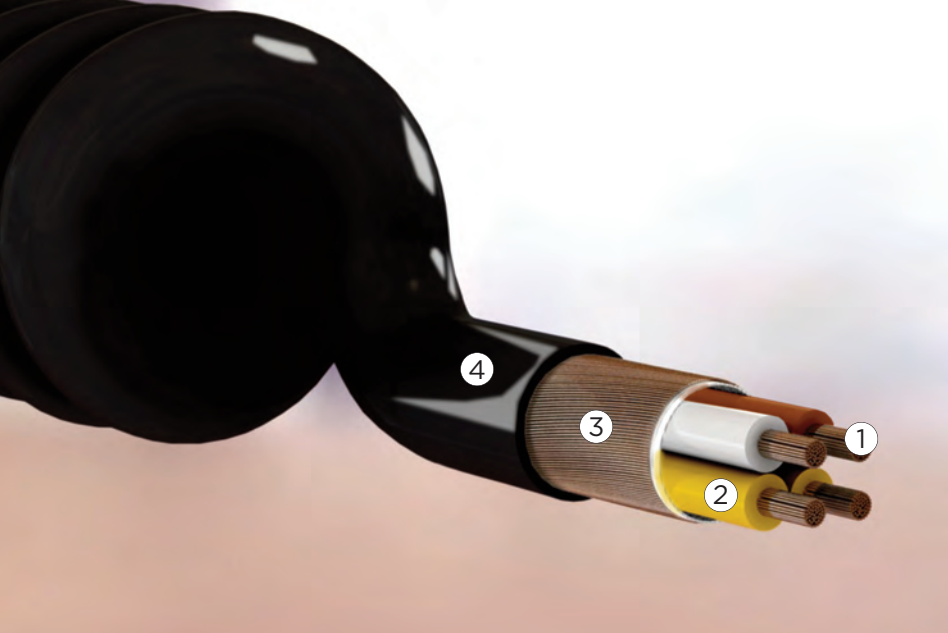
Maximum operating temperature Environment :	-30 deg C – + 80 deg C suitable for use in dry & humid areas
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### Electrical properties

Nominal voltage :	300 V
Test Voltage :	core/core 0.14/0.25mm <sup>2</sup> – 1200 V core/core 0.34/0.50mm <sup>2</sup> – 1500 V core/screen – 1000 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 Copper screen
- ④ PUR outer sheath

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Part No	Cross Section mm <sup>2</sup>	Current Rating @ 30 Deg	Inside Diameter Mandrel (mm)	Cable Diameter (mm)	Outer diameter approx. (mm)
08073 0014 03-C	3 x 0.14		8.0	4.3	17 - 22
08073 0014 04-C	4 x 0.14		8.0	4.5	17 - 22
08073 0014 05-C	5 x 0.14		8.0	5.0	18 - 23
08073 0014 07-C	7 x 0.14		10.0	5.5	21 - 26
08073 0014 08-C	8 x 0.14		10.0	6.0	22 - 27
08073 0014 12-C	12 x 0.14		10.0	6.4	23 - 28
08073 0014 18-C	18 x 0.14		12.0	7.4	27 - 32
08073 0014 25-C	25 x 0.14		14.0	9.0	32 - 37
08073 0025 03-C	3 x 0.25		8.0	4.7	18 - 23
08073 0025 04-C	4 x 0.25		8.0	5.0	18 - 23
08073 0025 05-C	5 x 0.25		8.0	5.9	20 - 25
08073 0025 08-C	8 x 0.25		10.0	6.6	23 - 28
08073 0025 12-C	12 x 0.25		12.0	7.4	27 - 32
08073 0025 18-C	18 x 0.25		14.0	9.2	33 - 38
08073 0025 25-C	25 x 0.25		16.0	10.2	37 - 42
08073 0034 03-C	3 x 0.34		8.0	5.0	18 - 23
08073 0034 04-C	4 x 0.34		8.0	5.3	19 - 24
08073 0034 05-C	5 x 0.34		8.0	6.1	20 - 25
08073 0034 07-C	7 x 0.34		10.0	6.8	24 - 29
08073 0034 08-C	8 x 0.34		12.0	7.2	27 - 32
08073 0034 12-C	12 x 0.34		12.0	8.0	28 - 33
08073 0034 18-C	18 x 0.34		14.0	9.1	33 - 38
08073 0034 25-C	25 x 0.34		18.0	11.0	40 - 45
08073 0500 03-C	3 x 0.50		10.0	5.7	21 - 26
08073 0050 04-C	4 x 0.50		10.0	6.0	22 - 27
08073 0050 08-C	8 x 0.50		12.0	8.6	29 - 34
08073 0050 12-C	12 x 0.50		14.0	9.2	33 - 38
08073 0050 18-C	18 x 0.50		16.0	10.8	38 - 43
08073 0050 25-C	25 x 0.50		18.0	12.7	44 - 49

We reserve the right to amend all technical details without prior notification