FIC 180

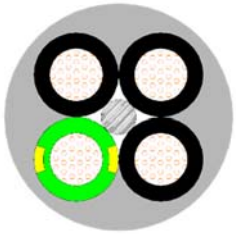
Oil-resistant flexible control cable, modified PVC outer sheath

DESCRIPTION AND APPLICATION

FIC 180 are oil resistant control cables for occasional flexible use and fixed installation for normal mechanical stresses. They are designed for use in dry, damp and wet rooms. They are increased oil resistant. They are suitable for free and limited continuously recurring movement without tensile load or compulsory guidance. As power and connecting cable for control systems in machine tools, plant engineering, industrial machinery, heating and air-conditioning systems.

CONSTRUCTION

1.Conductor: Stranded bare copper, acc. to IEC 60228 Class 5
2.Insulation: Modified PVC compound
3.Assembly: Two or more individually insulated conductors or groups of insulated conductors cabled together.
4.Sheath: Modified PVC compound, black (RAL 7001)
Markings:
CABLESCOM/FIC/180/Specification/No./XXXM



PRODUCT INFORMATION

Article number	*Number of cores and mm² per conductor*	*Outer diameter (mm)*	*Copper index (kg/km)*	*Weight (kg/km)*
FIC 180 007 07.G	7 G 0.75	8.5	50.4	117.2
FIC 180 007 09.G	9 G 0.75	10.8	64.8	153.5
FIC 180 007 12.G	12 G 0.75	11.5	86.4	195.9
FIC 180 010 03.G	3 G 1	6.9	28.8	66.7
FIC 180 010 04.G	4 G 1	7.4	38.4	81.8
FIC 180 010 05.G	5 G 1	8.3	48.0	96.0
FIC 180 010 07.G	7 G 1	9.2	67.2	126.3
FIC 180 010 12.G	12 G 1	12.4	115.2	213.1
FIC 180 010 18.G	18 G 1	14.8	172.8	312.1
FIC 180 010 25.G	25 G 1	17.8	240.0	417.1
FIC 180 015 02.X	2 X 1.5	7.1	28.8	74.7
FIC 180 015 03.G	3 G 1.5	7.5	44.0	91.9
FIC 180 015 04.G	4 G 1.5	8.4	58.0	113.1
FIC 180 015 05.G	5 G 1.5	9.3	72.0	137.4
FIC 180 015 07.G	7 G 1.5	10.3	101.0	180.8
FIC 180 015 09.G	9 G 1.5	13.0	129.6	232.3
FIC 180 015 12.G	12 G 1.5	13.8	173.0	316.1
FIC 180 015 18.G	18 G 1.5	16.6	260.0	448.4
FIC 180 015 25.G	25 G 1.5	20.1	360.0	626.2
FIC 180 025 03.G	3 G 2.5	8.7	72.0	139.4
FIC 180 025 04.G	4 G 2.5	9.4	96.0	183.8
FIC 180 025 05.G	5 G 2.5	10.5	120.0	218.2
FIC 180 025 07.G	7 G 2.5	11.6	168.0	288.9
FIC 180 040 03.G	3 G 4	10.2	115.2	204.0
FIC 180 040 04.G	4 G 4	11.1	154.0	247.5

All drawings, weights and dimensions details, as well as tube and fibre colours in this document are only indicative and must not be considered contractual.

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Certified Company ISO 9001 – ISO 14001

FIC 180 040 05.G	5 G 4	12.5	192.0	313.1
FIC 180 040 07.G	7 G 4	13.8	268.8	474.7
FIC 180 060 04.G	4 G 6	13.4	231.0	402.0
FIC 180 060 05.G	5 G 6	14.9	288.0	483.8
FIC 180 100 04.G	4 G 10	17.0	384.0	564.6
FIC 180 100 05.G	5 G 10	19.0	480.0	789.8
FIC 180 160 04.G	4 G 16	22.8	615.0	913.0
FIC 180 160 05.G	5 G 16	25.0	768.0	1182.7
FIC 180 250 04.G	4 G 25	26.0	960.0	1312.0
FIC 180 250 05.G	5 G 25	28.8	1200.0	1656.4
FIC 180 350 04.G	4 G 35	28.9	1344.0	2140.2
FIC 180 350 05.G	5 G 35	32.4	1680.0	2632.1
FIC 180 500 04.G	4 G 50	36.8	1920.0	2927.0
FIC 180 700 04.G	4 G 70	44.3	2688.0	4092.5
FIC 180 950 04.G	4 G 95	48.6	3648.0	5484.3
FIC 180 1200 04.G	4 G 120	52.5	4608.0	6352.9

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