



We Make Modern
Life Possible

INDUSTRIAL CABLES

FLEXICS® 11C

PVC/PUR control cable, screened



TECHNICAL DATA



Standard
Based on VDE 0285



Test Voltage
4000 V / 50 Hz



Rated Voltage
300/500 V (U₀/U)



Bending radius (min.)
Fixed installation: 6 x ϕ of cable
Flexible use: 20 x ϕ of cable



Core identification
Black (continuously numbered), from 3 cores with green/yellow ground conductor



Temperature range
Fixed installation: -40°C up to 80°C
Flexible use: -5°C up to 70°C

DESIGN



- 1 Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 Core insulation of special compound based on polyvinyl chloride (PVC)
- 3 Cores are stranded in layers with optimal lay-length
- 4 Non-woven tape separation
- 5 Inner sheath of special compound based on polyvinyl chloride (PVC)
- 6 Tinned copper wire braiding
- 7 Non-woven tape separation over braiding (optional)
- 8 Special polyurethane (PUR) outer sheath, colour: grey (RAL 7001)

Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 0.75	7.4	85
3 G 0.75	7.9	99
4 G 0.75	8.4	114
5 G 0.75	8.9	130
7 G 0.75	9.7	161
12 G 0.75	12.3	245
18 G 0.75	14.5	354
25 G 0.75	16.6	463
34 G 0.75	18.9	598
41 G 0.75	20.6	725
2 x 1	7.9	97
3 G 1	8.2	111
4 G 1	8.7	129
5 G 1	9.5	152
7 G 1	10.2	184
12 G 1	13.3	306
18 G 1	15.5	417
25 G 1	17.5	541
34 G 1	20.3	735
41 G 1	22.0	860
2 x 1.5	8.5	116
3 G 1.5	8.9	135
4 G 1.5	9.6	162
5 G 1.5	10.3	187
7 G 1.5	11.3	236
12 G 1.5	14.8	392
18 G 1.5	17.2	536
25 G 1.5	20.1	742
34 G 1.5	21.9	960
41 G 1.5	24.7	1118
3 G 2.5	10.3	191
4 G 2.5	11.3	232
5 G 2.5	12.6	282
7 G 2.5	13.9	370
12 G 2.5	17.2	580
4 G 4	13.4	345
5 G 4	14.7	412
4 G 6	15.8	483
5 G 6	17.3	576
4 G 10	19.0	733
4 G 16	22.2	1340



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