

Control Cables

Halogen Free



CONTROL FLEX H

Technical data

Core identification code Black with white numbers based on: VDE 0293	Conductor fine wire base to VDE 0295 C1.5/IEC 60228 C1.5	Range of temperature occasional flexing: -25 °C to +70 °C fixed installation: -15 °C to +70 °C	Rated voltage U ₀ /U: 300/500 V
Based on HD 21.13 S1; VDE 0281 Part 13	Minimum bending radius occasional flexing: 15 x cable diameter fixed installation: 4 x cable diameter	Protective conductor G=with protective conductor GN/YE X=without protective conductor	Test voltage 4000V
Specific insulation resistance > 10 GOhm x cm			

Application range

- * Public facilities
- * Airport, railway station
- * Plant engineering and construction
Industrial machinery, Air conditioning
- * Particularly where human and animal life as well as valuable property are exposed to high risk of fire hazards
- * Especially in wet area of machine tools and transfer lines under normal mechanical

Product features

- * Flame retardant based on IEC 60332-1-2 (flame spread on single cable)
- * Halogen-free based on IEC 60754-1 (amount of halogen acid gas) Corrosiveness of combustion gasses based on IEC 60754-2 (degree of acidity)
- * Flexible down to -15 deg. C
- * Highly flame-retardant

Product Make-UP

- * Bare copper wire bunched conductor
- * Halogen-free core insulation
- * Halogen-free sheath - grey

Approvals (Norm references)

- * Using **RoHS** compliances compounds
- * **CE**

Part Number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper index Kg./km	Weight kg./km approx
CONTROL FLEX - H; U₀ / U: 300 / 500 V				
1400072	2 X 1.5	7.1	29.0	82
1401073	3 G 1.5	7.5	43.0	100
1401074	4 G 1.5	8.2	58.0	123
1401075	5 G 1.5	8.9	72.0	153
1401077	7 G 1.5	9.7	101.0	187
1401712	12 G 1.5	12.9	173.0	330
1401718	18 G 1.5	15.2	259.0	468
1401725	25 G 1.5	17.8	360.0	648
1400082	2 X 2.5	8.1	48.0	115
1401083	3 G 2.5	8.6	72.0	142
1401084	4 G 2.5	9.5	96.5	177
1401085	5 G 2.5	10.6	120.0	227
1401087	7 G 2.5	11.7	168.0	285
1401812	12 G 2.5	15.4	288.0	493
1401094	4 G 4.0	11.4	154.0	268
1401104	4 G 6.0	13.8	230.0	392

* Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

* other sizes can be manufactured on demand

We Carry Signals

For Current Information See : www.sapflexkabel.com