

CC-Schleppflex® PUR-575

Highly flexible control cable

Conform to EU low-voltage guideline 73/23/EEC CE

UL® and **CSA**®



ConCab kabel Mainhardt - 575 25 G 2,5 E 172073 cUL AWM STYLE 20234 600V 80°C CE

CC-Schleppflex PUR-575 UL/CSA is used as a control- and signal cable for power supply chains, sensor technology, computers and for control devices of instrument and control engineering. It can be used in- and outdoors in damp and wet areas.

CC-Schleppflex PUR-575 is suitable in areas where aggressive mineral oils occur and where strong mechanical performances are required. The PUR outer sheath is cut, notch and abrasion resistant.

Construction

Superfine strands of bare copper wire.

PVC-based core insulation, black cores with consecutive white numbering. Control cables with 3 cores or more have a green/yellow protective conductor in the outer layer. Cores are twisted in layers in very short lay lengths, fleece. PUR outer sheath, flame retardant and self-extinguishing (acc. to VDE 0482, part 265-2-1 resp. EN 50265-2-1 and IEC 60332-1), non-adhesive, resistant to hydrolysis and microbes. Colour grey (RAL 7001).

Black outer sheath and red or blue core colours upon request.

Technical data

Rated voltage:

VDE/IEC: 300/500 V

UL/CSA: 600 V

Test voltage:

4000 V

Conductor stranding:

superfine copper strands
acc. to VDE 0295, class 6

Insulation resistance:

min. 20 MOhm × km

Temperature range:

-5°C to +80°C

Bending radius:

7,5 × cable diameter

Approvals:

acc. to VDE 0245, 0281

UL: Style 10012/20234

CSA: AWM I A/B, II A/B FT1

Part-No.	No. of cores + Cross-section	No. of cores + AWG	Copper weight kg/km	Outer diameter approx. mm	Weight kg/km
575 20 03	3 G 0,5	3 × AWG 20	14,4	7,1	46
575 20 04	4 G 0,5	4 × AWG 20	19,2	8,1	58
575 20 05	5 G 0,5	5 × AWG 20	24,0	8,4	72
575 20 07	7 G 0,5	7 × AWG 20	34,0	9,7	85
575 20 12	12 G 0,5	12 × AWG 20	58,0	11,6	135
575 20 18	18 G 0,5	18 × AWG 20	86,4	13,6	194
575 20 25	25 G 0,5	25 × AWG 20	120,0	16,3	265
575 20 34	34 G 0,5	34 × AWG 20	163,2	19,0	343
575 19 03	3 G 0,75	3 × AWG 19	21,6	6,9	60
575 19 04	4 G 0,75	4 × AWG 19	29,0	7,5	72
575 19 05	5 G 0,75	5 × AWG 19	36,0	8,2	89
575 19 07	7 G 0,75	7 × AWG 19	50,0	10,1	132
575 19 12	12 G 0,75	12 × AWG 19	86,0	12,9	186
575 19 16	16 G 0,75	16 × AWG 19	110,0	13,6	240
575 19 18	18 G 0,75	18 × AWG 19	130,0	14,1	270
575 19 25	25 G 0,75	25 × AWG 19	180,0	17,3	368
575 19 34	34 G 0,75	34 × AWG 19	245,0	19,7	526
575 18 03	3 G 1,0	3 × AWG 18	29,0	7,1	63
575 18 04	4 G 1,0	4 × AWG 18	38,4	7,7	83
575 18 05	5 G 1,0	5 × AWG 18	48,0	8,5	104
575 18 07	7 G 1,0	7 × AWG 18	67,0	10,4	152
575 18 12	12 G 1,0	12 × AWG 18	115,0	12,5	218
575 18 16	16 G 1,0	16 × AWG 18	153,0	14,4	272
575 18 18	18 G 1,0	18 × AWG 18	173,0	14,6	320
575 18 25	25 G 1,0	25 × AWG 18	240,0	18,0	412
575 18 34	34 G 1,0	34 × AWG 18	326,0	20,4	623
575 18 41	41 G 1,0	41 × AWG 18	394,0	25,0	670
575 16 03	3 G 1,5	3 × AWG 16	43,0	8,5	87
575 16 04	4 G 1,5	4 × AWG 16	58,0	9,3	108
575 16 05	5 G 1,5	5 × AWG 16	72,0	10,1	132
575 16 07	7 G 1,5	7 × AWG 16	101,0	11,9	169
575 16 12	12 G 1,5	12 × AWG 16	173,0	14,3	282
575 16 16	16 G 1,5	16 × AWG 16	230,0	16,2	320
575 16 18	18 G 1,5	18 × AWG 16	259,0	17,0	464
575 16 25	25 G 1,5	25 × AWG 16	360,0	20,8	554
575 16 34	34 G 1,5	34 × AWG 16	490,0	22,6	752
575 16 50	50 G 1,5	50 × AWG 16	720,0	28,4	1104
575 16 61	61 G 1,5	61 × AWG 16	878,0	30,0	1325
575 14 03	3 G 2,5	3 × AWG 14	72,0	10,2	128
575 14 04	4 G 2,5	4 × AWG 14	96,0	11,1	155
575 14 05	5 G 2,5	5 × AWG 14	120,0	12,1	197
575 14 07	7 G 2,5	7 × AWG 14	168,0	14,5	258
575 14 12	12 G 2,5	12 × AWG 14	288,0	18,0	453
575 12 04	4 G 4	4 × AWG 12	154,0	13,4	264
575 12 05	5 G 4	5 × AWG 12	192,0	14,8	312
575 12 07	7 G 4	7 × AWG 12	269,0	18,5	416
575 10 04	4 G 6	4 × AWG 10	230,0	15,1	382
575 08 04	4 G 10	4 × AWG 8	384,0	18,1	601
575 06 04	4 G 16	4 × AWG 6	615,0	22,5	851