

ConCab kabel gmbh

CC-Schleppflex® PUR-575

高柔性控制电缆，耐磨抗腐型，
出色机械性能和耐化学性能

ConCab kabel Mainhardt Schleppflex® 575 25G1,0 E 172073 c US AWM STYLE 20234 600V 80° C CE



应用领域

CC-Schleppflex® PUR-575, UL/CSA 认证，用作控制电缆，用于拖链系统，传感技术，计算机和机械控制设备和控制工程。其可用于室内和室外潮湿的环境。CC-Schleppflex PUR-575 适用于存在有害矿物类油的环境，耐化学性能和机械性能要求高的地方。PUR 外护套抗撕裂和耐磨损。

application

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

构造

超细裸铜丝多股精绞成束，PVC 芯线绝缘，黑色芯线带连续白色数字编号。控制电缆 3 芯及以上带绿黄保护接地线。芯线绞合成缆，绞合节距短，PUR 外护套，阻燃和自熄（符合 DIN EN 60332-1-2 VDE 0482 第 332-1-2:2005-06 部分标准）。不粘连，抗水解和微生物。外护套颜色灰色 (RAL 7001)。

黑色外护套和红色或蓝色芯线颜色可根据要求特殊定制。
有些表中所列的单芯线不符合 UL/CSA 认证。

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 greenyellow protective conductor in the outer layer. Cores twisted in layers in very short lay lengths. PUR outer sheath, flame retardant and self-extinguishing (acc. DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06), low-adhesive, resistant to hydrolysis and microbes. Colour grey (RAL 7001).

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

As extension there are some single cores without UL/CSA approval in the delivery-program and are listed in the article table.

技术数据 / technical data

额定电压 / rated voltage:

DIN VDE/IEC 300/500 V

UL/CSA 600 V

测试电压 / test voltage:

4.000 V

导体绞合方式 / conductor stranding:

超细裸铜丝绞合 / bare superfine copper strands,

符合 / acc. to DIN VDE 0295, 6 类标准 / class 6

绝缘阻抗 / insulation resistance:

最小 20 MOhm x km

温度范围 / temperature range:

固定安装 / fixed installation: -40° C 至 /to +80° C

移动应用 / flexible application: VDE 0° C 至 /to +70° C

弯曲半径 / bending radius:

UL -5° C 至 /to +80° C

固定安装 / fixed installation: 5 x d 外径 -Ø / outer-Ø

移动应用 / flexible application: 7,5 x d 外径 -Ø / outer-Ø

弯曲次数 / alternating bending cycles:

大于八百万次

符合标准 / approvals:

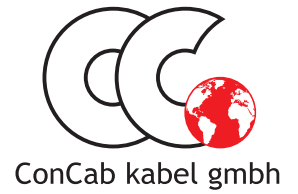
符合 / acc. to DIN VDE 0250, 0285

UL: Style 10012 / 20234

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

CC-Schleppflex® PUR-575

high flexible control cable



robust cables
Schleppflex®
BUS cables
control cables
data cables
IT/communic.
high-temp.
lift cables
rubber cables
single cores
spiral cables
accessories
technical annex

物料编码 part-no.	芯线数 / 导体截面积 no. of cores / cross-section	芯线数 / AWG no. of cores / AWG	铜重 copper weight kg/km	外径 outer-Ø d mm	电缆重量 weight kg/km
575 20 03	3 G 0,5	3 x AWG 20	15	7,0	46
575 20 04	4 G 0,5	4 x AWG 20	20	7,5	58
575 20 05	5 G 0,5	5 x AWG 20	24	8,1	72
575 20 07	7 G 0,5	7 x AWG 20	34	9,7	85
575 20 12	12 G 0,5	12 x AWG 20	58	11,2	135
575 20 18	18 G 0,5	18 x AWG 20	87	13,0	194
575 20 25	25 G 0,5	25 x AWG 20	120	15,2	265
575 20 34	34 G 0,5	34 x AWG 20	164	16,8	343
575 19 02	2 X 0,75	2 x AWG 19	15	7,0	49
575 19 03	3 G 0,75	3 x AWG 19	22	7,3	60
575 19 04	4 G 0,75	4 x AWG 19	29	7,9	72
575 19 05	5 G 0,75	5 x AWG 19	36	8,5	89
575 19 07	7 G 0,75	7 x AWG 19	50	9,8	132
575 19 12	12 G 0,75	12 x AWG 19	86	11,8	186
575 19 16	16 G 0,75	16 x AWG 19	110	13,0	240
575 19 18	18 G 0,75	18 x AWG 19	130	13,7	270
575 19 25	25 G 0,75	25 x AWG 19	180	16,1	368
575 19 34	34 G 0,75	34 x AWG 19	245	17,8	526
575 18 03	3 G 1,0	3 x AWG 18	29	7,8	63
575 18 04	4 G 1,0	4 x AWG 18	39	8,4	83
575 18 05	5 G 1,0	5 x AWG 18	48	9,1	104
575 18 07	7 G 1,0	7 x AWG 18	67	10,5	152
575 18 12	12 G 1,0	12 x AWG 18	115	12,6	218
575 18 16	16 G 1,0	16 x AWG 18	153	14,0	272
575 18 18	18 G 1,0	18 x AWG 18	173	14,7	320
575 18 25	25 G 1,0	25 x AWG 18	240	17,2	412
575 18 34	34 G 1,0	34 x AWG 18	326	19,0	623
575 18 41	41 G 1,0	41 x AWG 18	394	21,5	670
575 16 02	2 X 1,5	2 x AWG 16	29	7,9	67
575 16 03	3 G 1,5	3 x AWG 16	43	8,3	87
575 16 04	4 G 1,5	4 x AWG 16	58	9,0	108
575 16 05	5 G 1,5	5 x AWG 16	72	9,7	132
575 16 07	7 G 1,5	7 x AWG 16	101	11,3	169
575 16 12	12 G 1,5	12 x AWG 16	173	13,7	282
575 16 16	16 G 1,5	16 x AWG 16	230	15,2	320
575 16 18	18 G 1,5	18 x AWG 16	259	16,2	464
575 16 25	25 G 1,5	25 x AWG 16	360	19,2	554
575 16 34	34 G 1,5	34 x AWG 16	490	21,4	752
575 16 50	50 G 1,5	50 x AWG 16	720	26,9	1.104
575 16 61	61 G 1,5	61 x AWG 16	878	27,4	1.325
575 14 03	3 G 2,5	3 x AWG 14	72	9,2	128
575 14 04	4 G 2,5	4 x AWG 14	96	9,9	155
575 14 05	5 G 2,5	5 x AWG 14	120	10,8	197
575 14 07	7 G 2,5	7 x AWG 14	168	14,5	258
575 14 12	12 G 2,5	12 x AWG 14	288	15,5	453
575 12 04	4 G 4	4 x AWG 12	154	13,4	264
575 12 05	5 G 4	5 x AWG 12	192	14,8	312
575 12 07	7 G 4	7 x AWG 12	269	18,3	516
575 10 04	4 G 6	4 x AWG 10	230	15,1	382
575 10 07	7 G 6	7 x AWG 10	403	20,0	751
575 08 04	4 G 10	4 x AWG 8	384	18,1	601
575 06 04	4 G 16	4 x AWG 6	615	21,1	851

物料编码 - part-no.	芯线数 / 导体截面积 no. of cores / cross-section	芯线数 / AWG no. of cores / AWG	铜重 copper weight kg/km	外径 outer-Ø d mm	电缆重量 weight kg/km
单芯线 符合 UL/CSA / single cores with UL/CSA					
575 08 0199	1 X 10	1 x AWG 8	96	8,4	140
单芯线 不符合 UL/CSA / single cores without UL/CSA					
575 0060 00	1 X 6		58	7,0	85
575 0060 99	1 G 6		58	7,0	85
575 0100 99	1 G 10		96	8,4	140
575 0160 00	1 X 16		154	10,0	188
575 0160 99	1 G 16		154	10,0	188