

# CC-System cable PVC: Siemens

## 反馈电缆，符合西门子标准伺服电机用电缆屏蔽

ConCab kabel gmbh

ConCab kabel Mainhardt 251 4x2x0,38/AWG22-4x0,5 /AWG 20 E172073 © VDE US AWM Style 20233 300V CE

CC-SERVO C-577 4G2,5 /AWG14 2x(2x1,0/AWG18) E172073 © VDE US AWM STYLE 20886 1.000V DESINA CE



### 应用领域

CC-Servo Cable 屏蔽，符合 UL/CSA 认证和 DESINA®-标准，是专为 Siemens 西门子系统设计的，主要用于电控伺服电机，用作动力电缆和反馈电缆。其特殊的电缆结构和高质量的材料确保其使用寿命长。

CC-Servo 连接电源线和屏蔽信号控制线并且可以用在偶尔弯曲应用场合。

### application

CC-Servo Cable shielded and following the DESINA®-standard, designed for Siemens systems, is used for electronically controlled servo-motors as a power and feedback cable. A special cable structure and high quality materials ensure a long service life. The CC-Servo combines power cores and shielded signal resp. control cores and can be used for occasional flexible applications.

### 构造

动力芯线 1,5 mm<sup>2</sup> - 120 mm<sup>2</sup>: 超细裸铜丝绞合，PVC- 或者聚烯烃芯线绝缘，芯线颜色黑色带连续白色数字编号并且带绿黄保护接地导线。

信号 - 和控制芯线 0,14 mm<sup>2</sup> - 1,5 mm<sup>2</sup>: 超细裸铜丝绞合，PVC- 或者聚烯烃芯线绝缘，芯线颜色黑色带连续白色数字编号，绞合成对，线对带铝箔包覆，镀锡铜丝屏蔽。动力线和信号线控制线绞合。PVC 外护套，耐油（符合 DIN VDE 0472 803 部分标准），阻燃和自熄（符合 DIN EN 60332-1-2 VDE 0482 332-1-2:2005-06 部分标准）。外护套颜色为 DESINA® 橙色 (RAL 2003) 和 DESINA® 绿色 (RAL 6018)。

### construction

Power cores 1,5 mm<sup>2</sup> - 120 mm<sup>2</sup>: Superfine strands of bare copper wires, PVC or polyolefine core insulation, cores are black with white numbering and greenyellow protective conductor.

Signal and control cores 0,14 mm<sup>2</sup> - 1,5 mm<sup>2</sup>: Superfine strands of bare copper wires, PVC or polyolefine core insulation, cores are black with white numbering, twisted in pairs, pairs with aluminium foil, tinned copper shield. Power cores and signal resp. control cores twisted. PVC outer sheath, oil resistant (acc. to DIN VDE 0472 part 803), flame retardant and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06).

Colours DESINA® orange (RAL 2003) resp. DESINA® green (RAL 6018).

### 技术数据 / technical data

额定电压 / rated voltage:

动力线 / power cores

DIN VDE/IEC 600/1.000 V

UL/CSA 1.000 V

控制线 / control cores

DIN VDE/IEC 250 V

UL/CSA 1.000 V

信号线 / signal cores

DIN VDE/IEC 250 V

UL/CSA 300 V

测试电压 / test voltage:

动力线 / power cores

芯 / 芯 / core/core 4.000 V

控制线 / control cores

芯 / 芯 / core/core 2.000 V

导体绞合方式 / conductor stranding:

细裸铜丝精绞 / bare fine copper strands,

nach / acc. to DIN VDE 0295, 5 类和 6 类标准 / class 5 resp. 6 min. 20 MOhm x km

绝缘阻抗 / insulation resistance:

温度范围 / temperature range:

固定安装 / fixed installation: -20° C 至 /to +80° C

移动安装 / flexible application: 0° C 至 /to +60° C

弯曲半径 / bending radius:

固定安装 / fixed installation: 12 x d 外径 -ø / outer-ø

符合标准 / approvals:

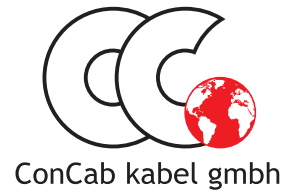
符合 / acc. to DIN VDE 0250

UL: Style 2502, 2464, 20886, 20233

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

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feedback cables, motor-supply-cables, servo-cables  
shielded



物料编码 part-no.	芯线数 + 导体截面积 /AWG no. of cores + cross-sections/AWG	Siemens 参考编号 reference-no.	铜重 copper weight kg/km	外径 outer- $\varnothing$ d mm	电缆重量 weight kg/km
反馈 / 传感器电缆 绿色 / feedback- sensor cable green					
251 4203 405 10	[4x2x0,38/AWG 22 + 4x0,5/AWG 20]	6FX5008-1BD21	79	9,9	145
252 3201 401 205 10	[3x(2x0,14/AWG26) + 4x0,14/AWG26 + 2x0,5/AWG20]	6FX5008-1BD41	60	9,0	126
142 3201 401 10	[3x(2x0,14/AWG26) + 4x0,14/AWG26 + 4x0,23/AWG24 + 2x0,5/AWG20]	6FX5008-1BD51	85	10,3	148
伺服电机电缆 橙色 / motor supply cable orange					
585 1604 08	[4 G 1,5/AWG 16]	6FX5008-1BB11	95	10,1	132
585 1404 08	[4 G 2,5/AWG 14]	6FX5008-1BB21	144	11,3	182
585 1204 08	[4 G 4/AWG 12]	6FX5008-1BB31	208	13,0	274
585 1004 08	[4 G 6/AWG 10]	6FX5008-1BB41	312	15,2	380
585 0804 08	[4 G 10/AWG 8]	6FX5008-1BB51	484	19,7	602
585 0604 08	[4 G 16/AWG 6]	6FX5008-1BB61	739	25,8	859
585 0404 08	[4 G 25/AWG 4]	6FX5008-1BB25	1.120	28,3	1.343
585 0204 08	[4 G 35/AWG 2]	6FX5008-1BB35	1.544	32,2	1.852
585 0104 08	[4 G 50/AWG 1]	6FX5008-1BB50	2.129	41,0	2.600
585 02004 08	[4 G 70/AWG 2/0]	6FX5008-1BB70	2.950	45,3	4.425
585 03004 08	[4 G 95/AWG 3/0]	6FX5008-1BB95	4.080	49,7	6.120
585 04004 08	[4 G 120/AWG 4/0]	6FX5008-1BB12	5.070	54,0	7.605
伺服电缆 橙色 / servo cable orange					
577 4015 215 08	[4 G 1,5/AWG 16 + (2 X 1,5/AWG 16)]	6FX5008-1BA11	143	13,4	242
577 4025 215 08	[4 G 2,5/AWG 14 + (2 X 1,5/AWG 16)]	6FX5008-1BA21	185	14,2	380
577 4040 215 08	[4 G 4/AWG 12 + (2 X 1,5/AWG 16)]	6FX5008-1BA31	267	15,4	478
577 4060 215 08	[4 G 6/AWG 10 + (2 X 1,5/AWG 16)]	6FX5008-1BA41	347	17,0	607
577 4100 215 08	[4 G 10/AWG 8 + (2 X 1,5/AWG 16)]	6FX5008-1BA51	524	21,8	828
577 4160 215 08	[4 G 16/AWG 6 + (2 X 1,5/AWG 16)]	6FX5008-1BA61	727	25,6	1.116
577 4250 215 08	[4 G 25/AWG 4 + (2 X 1,5/AWG 16)]	6FX5008-1BA25	1.136	29,7	1.633
577 4350 215 08	[4 G 35/AWG 2 + (2 X 1,5/AWG 16)]	6FX5008-1BA35	1.536	32,2	2.087
577 4500 215 08	[4 G 50/AWG 1 + (2 X 1,5/AWG 16)]	6FX5008-1BA50	2.184	35,5	2.770

6FX5008 是 Siemens AG 的注册商标  
6FX5008 is a registered trademark of Siemens AG