

ConCab kabel gmbh

# CC-system cable PUR-C: Siemens

反馈电缆，符合西门子标准伺服电机用电缆  
无卤，低电压，屏蔽

ConCab kabel Mainhardt 281 4x2x0,38/AWG21+4x0,5/AWG20 E172073 c **UL** us AWM Style 20233 300V 80° C **DESINA**® **CE**

CC SERVO C-584 4G6,0/AWG10 + (2x1,5/AWG16) E172073 c **UL** us AWM STYLE 20234 1.000V 80° C **DESINA**® **CE**



## 应用领域

CC-Servo Cable PUR-C, 是为 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。其特殊电缆构造和高质量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弯曲应用场合。

## application

CC-Servo Cable PUR-C 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 flexible applications.

## 构造

动力芯线 1,5 mm<sup>2</sup> - 50 mm<sup>2</sup>: 超细裸铜丝精绞, (TPE) 芯线绝缘 或者 (PP) 芯线绝缘, 芯线颜色黑色带连续白色数字编号和绿黄保护接地导线。

信号 - 和 控制芯线 0,14 mm<sup>2</sup> - 1,5 mm<sup>2</sup>: 超细裸铜丝精绞, TPE 芯线绝缘或者 (PP) 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。动力芯线和信号芯线, 控制芯线绞合。PUR 外护套, 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 **DESINA**® 橙色 (RAL 2003) 和 **DESINA**® 绿色 (RAL 6018)。

## construction

Power cores 1,5 mm<sup>2</sup> - 50 mm<sup>2</sup>: Superfine strands of bare copper wires, polyester (TPE) or polypropylen (PP) 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, TPE or PP 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. PUR outer sheath, flame retardant and self-extinguishing (acc. 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:

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:

min. 100 MOhm x km

温度范围 / temperature range:

固定安装 / fixed installation: -50°C 至 /to +80°C

移动应用 / flexible application: -40°C 至 /to +80°C

弯曲半径 / bending radius:

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:

大于一千万次

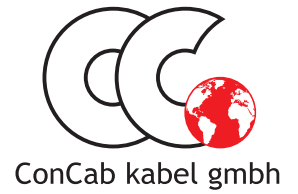
符合标准 / approvals:

符合 / acc. to DIN VDE 0250

UL: Style 20233, 20234, 20236

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

# CC-system cable PUR-C: Siemens feedback cables, motor-supply-cables, servo-cables halogen-free, low capacitance, shielded



物料编码 part-no.	芯线数 + 导体截面积 /AWG no. of cores + cross-sections/AWG	Siemens 参考编码 . reference-no.	铜重 copper weight kg/km	外径 outer-Ø d mm	电缆重量 weight kg/km
反馈 - / 传感器导线, 绿色 / feedback- sensor cable low-capacitance, green					
281 8201 8 10	[8x2x0,18/AWG 25]	6FX8008-1BD11	72	8,6	125
281 4203 405 10	[4x2x0,38/AWG 21 + 4x0,5/AWG 20]	6FX8008-1BD21	82	8,6	203
281 2201 203 10	[2x2x0,15/AWG 26 + 2x0,38/AWG 21]		36	7,0	65
232 3201 205 10	[3x(2x0,14/AWG 26) + 2x(0,5/AWG 20)]	6FX8008-1BD31	82	9,7	105
282 3201 401 205 10	[3x(2x0,14/AWG 26) + 4x0,14/AWG 26 + 2x0,5/AWG 20]	6FX8008-1BD41	72	9,0	126
242 3201 401 10	[3x(2x0,14/AWG 26) + 4x0,14/AWG 26 + 4x0,23/AWG 24 + 2x0,5/AWG 20]	6FX8008-1BD51	85	10,3	148
281 4201 8 10	[4x2x0,18/AWG 25]	6FX8008-1BD61	33	6,5	56
281 2201 8 10	[2x2x0,18/AWG 25]	6FX8008-1BD71	24	5,6	44
281 1202 3 10	[12x0,23/AWG 24]	6FX8008-1BD81	59	7,1	132
伺服电机电缆 低电压, 橙色 / motor supply cable low-capacitance, orange					
583 1604 08	[4 G 1,5/AWG 16]	6FX8008-1BB11	84	9,6	152
583 1404 08	[4 G 2,5/AWG 14]	6FX8008-1BB21	128	10,8	180
583 1204 08	[4 G 4/AWG 12]	6FX8008-1BB31	201	12,8	295
583 1004 08	[4 G 6/AWG 10]	6FX8008-1BB41	285	14,1	410
583 0804 08	[4 G 10/AWG 8]	6FX8008-1BB51	457	17,8	640
583 0604 08	[4 G 16/AWG 6]	6FX8008-1BB61	729	20,7	925
583 040 408	[4 G 25/AWG 4]	6FX8008-1BB25	1.107	25,7	1.420
583 020 408	[4 G 35/AWG 2]	6FX8008-1BB35	1.533	34,0	1.905
583 010 408	[4 G 50/AWG 1]	6FX8008-1BB50	2.202	36,0	2.700
伺服电缆, 低电压, 橙色 / servo cable low-capacitance, orange					
584 4015 215 08	[4 G 1,5/AWG 16 + (2x1,5/AWG 16)]	6FX8008-1BA11	143	11,8	212
584 4025 215 08	[4 G 2,5/AWG 14 + (2x1,5/AWG 16)]	6FX8008-1BA21	183	12,4	255
584 4040 215 08	[4 G 4,0/AWG 12 + (2x1,5/AWG 16)]	6FX8008-1BA31	251	14,4	347
584 4060 215 08	[4 G 6,0/AWG 10 + (2x1,5/AWG 16)]	6FX8008-1BA41	334	16,1	459
584 4100 215 08	[4 G 10/AWG 8 + (2x1,5/AWG 16)]	6FX8008-1BA51	522	18,2	695
584 4160 215 08	[4 G 16/AWG 6 + (2x1,5/AWG 16)]	6FX8008-1BA61	780	21,8	987
584 4250 215 08	[4 G 25/AWG 4 + (2x1,5/AWG 16)]	6FX8008-1BA25	1.160	26,7	1.485
584 4350 215 08	[4 G 35/AWG 2 + (2x1,5/AWG 16)]	6FX8008-1BA35	1.567	30,8	1.970
584 4500 215 08	[4 G 50/AWG 1 + (2x1,5/AWG 16)]	6FX8008-1BA50	2.186	34,7	2.795

6FX8008 是 Siemens AG 的注册商标  
6FX8008 is a registered trademark of Siemens AG