



ConCab kabel gmbh

CC-Servoflex PUR-C-584

伺服电机电缆 0,6/1 kV

低电容，无卤，超高柔性，屏蔽

CC Servoflex C-584 4G4 + 2x(2x1,5) E 172073 c US AWM STYLE 20234 1.000V 80°C DESINA CE



应用领域

CC-Servoflex PUR-C-584, 屏蔽, 低电容, 符合 UL/CSA- 认证 和 DESINA® 标准, 专为电子控制伺服电机设计, 并且用作动力和反馈电缆, 用于拖链, 自动装卸设备和机器人。其可以用于室内和室外, 并且可以在有矿物油和高机械应力的环境中使用。特殊电缆机构和高质量材料确保了 CC-Servoflex PUR-C-584 使用寿命长。整体铜丝屏蔽使电缆能够达到电磁兼容的要求, 并且确保伺服电机的运转无干扰。PUR 外护套极其耐剪切, 耐磨损。用于伺服和 DNC 电机的 CC- Servoflex PUR-C-584 连接动力芯线和屏蔽对绞控制芯线。

application

CC-Servoflex PUR-C-584 shielded, UL/CSA approved and DESINA® conforming with low capacitance is designed for electronically controlled servo motors and as a power and feedback cable for power supply chains, automatic handling equipment and robots. It can be used in- and outdoors and in areas where aggressive and mineral oils occur. A special cable structure and high quality materials ensure a long service life. Due to the overall copper shield the cable meets the electromagnetic compatibility (EMC) requirements and ensures a disturbance-free operation of servo motors. The polyurethane (PUR) outer sheath is highly cut, notch and abrasion resistant. The CC-Servoflex PUR-C-584 combines power cores and shielded paired control cores.

构造

动力芯线 0,75 mm² - 50 mm²: 超细裸铜丝绞合, (PP) 芯线绝缘, 芯线颜色黑色带连续白色数字编号 1-3 以及绿黄保护接地导体。控制芯线 0,34 mm² - 2,5 mm²: 超细裸铜丝绞合, PP 芯线绝缘, 芯线颜色黑色带连续白色数字编号, 绞合成对, 线对带铝箔屏蔽, 镀锡排流线, 镀锡铜丝屏蔽。动力和对绞控制芯线绞合, 镀锡铜丝屏蔽。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), 无粘性, 抗水解和微生物。外护套颜色为 DESINA®- 橙色 (RAL 2003)。

construction

Power cores 0,75 mm² - 50 mm²: Superfine strands of bare copper wires, polypropylen (PP) core insulation, cores are black with consecutive white numbering 1-3 and greenyellow protective conductor. Control cores 0,34 mm² - 2,5 mm²: Superfine strands of bare copper wires, PP core insulation, cores are black with consecutive white numbering, twisted in pairs, pairs shielded with aluminium foil, tinned drain wire, tinned copper shield. Power and paired control cores twisted, tinned copper shield. PUR-based 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 DESINA®-orange (RAL 2003).

技术数据 / technical data

额定电压 / rated voltage:

动力芯线 / power cores

DIN VDE/IEC 600/1.000 V

UL/CSA 1.000 V

控制芯线 / control cores

DIN VDE/IEC 300/500 V

UL/CSA 1.000 V

测试电压 / test voltage:

动力芯线 / power cores

芯 / 芯 / core/core 4.000 V

芯 / 屏 / core/shield 2.000V

控制芯线 / control cores

芯 / 芯 / core/core 2.000 V

芯 / 屏 / core/shield 1.000V

导体绞合方式 / conductor stranding:

超细裸铜丝精绞 / 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

工作电容 / operating capacity (800Hz):

芯 / 芯 core/core ~ 70nF/km

芯 / 屏 core/shield ~ 110nF/km

温度范围 / temperature range:

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

移动应用 / flexible installation: - 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, 0285

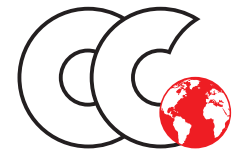
UL: Style 10264, 20234

CSA: AWM I A/B II A/B FT 1

CC-Servoflex PUR-C-584

motor supply cable 0,6/1 kV

low capacitance, halogen-free, super flexible, shielded



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物料编码 part-no.	芯线数 + 导体截面积 / AWG no. of cores + cross-sections / AWG	铜重 copper weight kg/km	外径 outer-Ø d mm	电缆重量 weight kg/km
584 4007 2203 08	[4 G 0,75/AWG 19 + 2 x (2 x 0,34/AWG 22)]	94	11,2	186
584 4010 2207 08	[4 G 1,0/AWG 18 + 2 x (2 x 0,75/AWG 19)]	127	11,5	210
584 4015 2205 08	[4 G 1,5/AWG 16 + 2 x (2 x 0,50/AWG 20)]	146	12,1	232
584 4015 2207 08	[4 G 1,5/AWG 16 + 2 x (2 x 0,75/AWG 19)]	153	12,7	241
584 4025 2210 08	[4 G 2,5/AWG 14 + 2 x (2 x 1,0/AWG 18)]	212	15,1	292
584 4025 2215 08	[4 G 2,5/AWG 14 + 2 x (2 x 1,5/AWG 16)]	237	15,1	302
584 4025 210 215 08	[4 G 2,5/AWG 14 + (2 x 1/AWG 18) + (2 x 1,5/AWG 16)]	227	15,1	302
584 4040 2215 08	[4 G 4/AWG 12 + 2 x (2 x 1,5/AWG 16)]	306	16,0	439
584 4040 210 215 08	[4 G 4/AWG 12 + (2 x 1/AWG 18) + (2 x 1,5/AWG 16)]	296	16,0	439
584 4060 2215 08	[4 G 6/AWG 10 + 2 x (2 x 1,5/AWG 16)]	387	18,0	587
584 4060 210 215 08	[4 G 6/AWG 10 + (2 x 1/AWG 18) + (2 x 1,5/AWG 16)]	377	18,0	587
584 4100 2215 08	[4 G 10/AWG 8 + 2 x (2 x 1,5/AWG 16)]	579	20,8	788
584 4100 210 215 08	[4 G 10/AWG 8 + (2 x 1/AWG 18) + (2 x 1,5/AWG 16)]	569	20,8	788
584 4160 2215 08	[4 G 16/AWG 6 + 2 x (2 x 1,5/AWG 16)]	831	23,6	1.077
584 4250 2215 08	[4 G 25/AWG 4 + 2 x (2 x 1,5/AWG 16)]	1.209	28,0	1.554
584 4350 2215 08	[4 G 35/AWG 2 + 2 x (2 x 1,5/AWG 16)]	1.620	30,5	2.052
584 4500 2225 08	[4 G 50/AWG 1 + 2 x (2 x 2,5/AWG 14)]	2.270	37,0	2.887
584 4007 205 08	[4 G 0,75/AWG 19 + (2 x 0,5/AWG 20)]	83	10,0	128
584 4015 205 08	[4 G 1,5/AWG 16 + (2 x 0,50/AWG 20)]	111	11,4	190
584 4010 210 08	[4 G 1/AWG 18 + (2 x 1/AWG 18)]	110	11,1	177
584 4015 210 08	[4 G 1,5/AWG 16 + (2 x 1,0/AWG 18)]	119	11,4	205
584 4015 215 08	[4 G 1,5/AWG 16 + (2 x 1,5/AWG 16)]	143	11,8	212
584 4025 215 08	[4 G 2,5/AWG 14 + (2 x 1,5/AWG 16)]	183	12,4	255
584 4040 215 08	[4 G 4/AWG 12 + (2 x 1,5/AWG 16)]	251	14,4	347
584 4060 215 08	[4 G 6/AWG 10 + (2 x 1,5/AWG 16)]	334	16,1	459
584 4100 215 08	[4 G 10/AWG 8 + (2 x 1,5/AWG 16)]	522	18,2	695
584 4160 215 08	[4 G 16/AWG 6 + (2 x 1,5/AWG 16)]	780	21,8	987
584 4250 215 08	[4 G 25/AWG 4 + (2 x 1,5/AWG 16)]	1.160	26,7	1.485
584 4350 215 08	[4 G 35/AWG 2 + (2 x 1,5/AWG 16)]	1.567	30,8	1.970
584 4500 215 08	[4 G 50/AWG 1 + (2 x 1,5/AWG16)]	2.186	34,7	2.795

robust cables

Schleppflex®

BUS cables

control cables

data cables

IT/communic.

high-temp.

lift cables

rubber cables

single cores

spiral cables

accessories

technical annex