

ConCab kabel gmbh

# CC-Servoflex PUR-588

伺服电机用电缆 0,6/1 kV

低电容，超柔性，无卤



## 应用领域

CC-Servoflex PUR-588 低电容，符合 UL/CSA 认证 和 DESINA® - 标准，设计用于连接伺服和 DNC 电机。其被用作动力电缆，用于拖链，自动装卸设备和机器人中。其可以在室内和室外使用，并且可以在有矿物油和高机械应力出现的环境中使用。特殊电缆结构和高质量材料使 CC-Servoflex PUR-588 使用寿命更长。其 PUR 外护套耐剪切并且耐磨损。

## application

CC-Servoflex PUR-588 low capacitance, UL/CSA and DESINA® conforming - also available as single core - is designed to connect servo and DNC-motors. It is used as a supply cable in power supply chains, automatic handling equipment and robots. It can be used in- and outdoors and in areas where aggressive and mineral oils or high mechanical stress occur. A special cable structure and high quality materials ensure a long service life. The polyurethane outer sheath is cut and notch resistant and non-abrasive.

## 构造

超细纯铜丝精绞，特殊双层混合物芯线绝缘，芯线颜色为黑色或者带绿黄保护接地导线。PUR 外护套耐紫外线，无卤，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 DESINA® 黑色 (RAL 9005)。

## construction

Superfine strands of bare copper wires, core insulation of special double-layered mixture, cores are black or with greenyellow protective conductor. PUR-based outer sheath is UV-resistant, halogen-free, flame retardant and self-extinguishing (acc. DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06), low-adhesive and resistant to hydrolysis and microbes. Colour DESINA®-black (RAL 9005).

## 技术数据 / technical data

额定电压 / rated voltage:

DIN VDE/IEC 600/1.000 V

测试电压 / test voltage:

UL/CSA 1.000 V

导体绞合方式 / conductor stranding:

4.000 V

超细裸铜丝绞合 / bare superfine copper strands,  
符合 / acc. to DIN VDE 0295, 6 类标准 / class 6  
min. 100 MOhm x km

绝缘阻抗 / insulation resistance:

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  
大于一千万次

弯曲次数 / alternating bending cycles:

符合标准 / approvals:

符合 / acc. to DIN VDE 0250, 0285 UL:

UL: 电缆 / cable: Style 20234

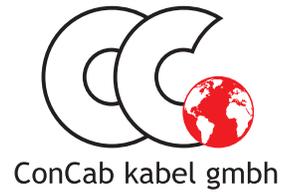
单芯线 / single core: Style 10835

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

# CC-Servoflex PUR-588

## motor supply cable 0,6/1 kV

low capacitance, super flexible, halogen-free



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
<b>Schleppflex® 单芯线 / single cores</b>					
588 1401 00	1 X 2,5	AWG 14	24	4,9	50
588 1401 99	1 G 2,5	AWG 14	24	4,9	50
588 1201 00	1 X 4	AWG 12	39	6,4	66
588 1201 99	1 G 4	AWG 12	39	6,4	66
588 1001 00	1 X 6	AWG 10	59	7,1	90
588 1001 99	1 G 6	AWG 10	59	7,1	90
588 0801 00	1 X 10	AWG 8	96	8,4	138
588 0801 99	1 G 10	AWG 8	96	8,4	138
588 0601 00	1 X 16	AWG 6	154	9,8	205
588 0601 99	1 G 16	AWG 6	154	9,8	205
588 0401 00	1 X 25	AWG 4	240	11,4	306
588 0401 99	1 G 25	AWG 4	240	11,4	306
588 0201 00	1 X 35	AWG 2	336	13,4	431
588 0201 99	1 G 35	AWG 2	336	13,4	431
588 01001 00	1 X 50	AWG 1/0	480	15,2	572
588 01001 99	1 G 50	AWG 1/0	480	15,2	572
588 02001 00	1 X 70	AWG 2/0	672	16,6	783
588 02001 99	1 G 70	AWG 2/0	672	16,6	783
588 03001 00	1 X 95	AWG 3/0	912	19,2	1.043
588 03001 99	1 G 95	AWG 3/0	912	19,2	1.043
588 04001 00	1 X 120	AWG 4/0	1.200	22,2	1.302
588 04001 99	1 G 120	AWG 4/0	1.200	22,2	1.302
588 25001 00	1 X 150	MCM 250	1.440	22,6	1.725
588 25001 99	1 G 150	MCM 250	1.440	22,6	1.725
588 35001 00	1 X 185	MCM 350	1.776	26,4	2.315
588 35001 99	1 G 185	MCM 350	1.776	26,4	2.315
588 45001 00	1 X 240	MCM 450	2.304	28,8	2.920
588 45001 99	1 G 240	MCM 450	2.304	28,8	2.920

..00 1 X .. 内护套颜色黑色 / inner sheath black  
 ..99 1 G .. 内护套颜色绿黄 / inner sheath greenyellow

<b>Servoflex 伺服电机电缆 / motor supply cable</b>					
588 160 400	4 G 1,5	4 X AWG 16	58	8,5	108
588 140 400	4 G 2,5	4 X AWG 14	96	10,2	156
588 120 400	4 G 4	4 X AWG 12	154	11,6	220
588 100 400	4 G 6	4 X AWG 10	230	13,2	311
588 080 400	4 G 10	4 X AWG 8	384	16,5	503
588 060 400	4 G 16	4 X AWG 6	614	19,2	743
588 040 400	4 G 25	4 X AWG 4	960	24,1	1.176
588 020 400	4 G 35	4 X AWG 2	1.344	28,0	1.646
588 010 400	4 G 50	4 X AWG 1	1.920	35,5	2.421