



ConCab kabel gmbh

CC-system cable PUR-C: INDRAMAT

反馈电缆，伺服电机用电缆
无卤，低电压，屏蔽



应用领域

CC-system cable PUR-C, 为 INDRAMAT 系统设计，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重量的材料确保其使用寿命长。

CC-Servo 伺服电缆连接动力芯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 INDRAMAT 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 application.

构造

动力芯线 0,75 mm² - 50 mm²: 超细裸铜丝精绞，TPE 或者 PP 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 mm² - 2,5 mm²: 超细裸铜丝精绞，TPE 或者 PP 芯线绝缘，芯线颜色黑色带白色数字编号，绞合成对，线对带铝箔包覆，镀锡铜丝屏蔽，特殊箔包覆。动力线和信号控制芯线绞合。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 0,75 mm² - 50 mm²: 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 mm² - 2,5 mm²: 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, special foil wrapping. Power cores and signal resp. control cores twisted together. 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

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

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 : INDRAMAT

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	Bosch Rexroth 参考编号 reference-no.	铜重 copper weight kg/km	外径 outer- ϕ d mm	电缆重量 weight kg/km
反馈 / 传感器电缆 绿色 / feedback- sensor cable green					
182 2202 205 10	[2x2x0,25/AWG 24 + 2x0,5/AWG 20]	INK-0750	35	7,6	92
181 2202 205 10	[2x(2x0,25/AWG 24)StC + 2x0,5/AWG 20]	INK-0234	46	8,7	90
181 4202 205 10	[4x2x0,25/AWG 24 + 2x0,5/AWG 20]	INK-0448	63	8,8	124
181 4202 210 10	[4x2x0,25/AWG 24 + 2x1,0/AWG 18]	INK-0209	72	8,8	134
181 905 10	[9x0,5/AWG 20]	INK-0208	73	8,8	125
181 410 4201 401 10	[4x1,0/AWG 18 + 4x2x0,14/AWG 26 + 4x0,14/AWG 26]	INK-0532	87	9,7	140
反馈 / 传感器电缆 低电容, 绿色 / feedback- sensor cable low-capacitance, green					
282 2202 205 10	[2x2x0,25/AWG 24 + 2x0,5/AWG 20]	INK-0750	35	7,6	92
281 2202 205 10	[2x(2x0,25/AWG 24)StC + 2x0,5/AWG 20]	INK-0234	46	8,7	90
281 4202 205 10	[4x2x0,25/AWG 24 + 2x0,5/AWG 20]	INK-0448	63	8,8	124
281 4202 210 10	[4x2x0,25/AWG 24 + 2x1,0/AWG 18]	INK-0209	72	8,8	134
281 905 10	[9x0,5/AWG 20]	INK-0208	63	8,8	125
281 410 4201 401 10	[4x1,0/AWG 18 + 4x2x0,14/AWG 26 + 4x0,14/AWG 26]	INK-0532	87	9,7	140
伺服电缆 低电容, 橙色 / servo cable low-capacitance, orange					
584 4007 205 08	[4 G 0,75/AWG 19 + 2x0,5/AWG 20]	INK-0670	83	10,0	128
584 4010 2207 08	[4 G 1,0/AWG 18 + 2x(2x0,75/AWG 19)]	INK-0653	127	11,5	210
584 4015 2207 08	[4 G 1,5/AWG 16 + 2x(2x0,75/AWG 19)]	INK-0650	153	12,7	241
584 4025 2215 08	[4 G 2,5/AWG 14 + 2x(2x1,5/AWG 16)]	INK-0602	237	15,1	302
584 4040 210 215 08	[4 G 4/AWG 12 + (2x1,0/AWG 18 + (2x1,5/AWG 16))]	INK-0603	296	16,0	439
584 4060 210 215 08	[4 G 6/AWG 10 + (2x1,0/AWG 18 + (2x1,5/AWG 16))]	INK-0604	377	18,0	587
584 4100 210 215 08	[4 G 10/AWG 8 + (2x1,0/AWG 18 + (2x1,5/AWG 16))]	INK-0605	569	20,8	788
584 4160 2215 08	[4 G 16/AWG 6 + 2x(2x1,5/AWG 16)]	INK-0606	831	23,6	1.077
584 4250 2215 08	[4 G 25/AWG 4 + 2x(2x1,5/AWG 16)]	INK-0607	1.209	28,0	1.554
584 4350 2215 08	[4 G 35/AWG 2 + 2x(2x1,5/AWG 16)]	INK-0667	1.620	30,5	2.052
584 4500 2225 08	[4 G 50/AWG 1 + 2x(2x2,5/AWG 14)]	INK-0668	2.270	37,0	2.887

Indramat 物料编码是 Bosch Rexroth AG 的注册商标并且仅用于参考
Indramat article numbers are registered trademarks of Bosch Rexroth AG and are used only for refence.