

ConCab kabel gmbh

CC-data cable blue LiYCY-(TP)-128

用于本质安全型电路
绞对型，带屏蔽



应用领域

CC-data cable blue LiYCY-(TP)-128 屏蔽，依据 DIN EN 60079-14 / IEC 60079-14 (DIN VDE 0165 第 12.2.2 章节) 规定，并且适合用作数据电缆，用于本安电路的模拟和数字信号的无干扰传输。其整体屏蔽确保了数据和脉冲的可靠传输并且保护其不受电磁干扰。关于特定应用的规定参照 DIN VDE 0165。

application

The shielded CC-data cable blue LiYCY-(TP)-128 corresponds to the stipulations of DIN EN 60079-14 / IEC 60079-14 (DIN VDE 0165 section 12.2.2) and is suitable as a data cable for interference-free transmission of analogue and digital signals for intrinsically safe electric circuits. The overall shield ensures a reliable transmission of data and impulses and protects against electrical interferences. For stipulations appertaining to specific applications refer to DIN VDE 0165.

构造

纯铜丝多股精绞，PVC 芯线绝缘。芯线颜色根据 DIN 47100 标准。芯线绞合节距短，每对芯线对绞，芯线绞合成缆，镀锡铜丝排流线，镀锡铜丝屏蔽。PVC 外护套，阻燃和自熄（依据 DIN EN 60332-1-2 VDE 0482 332-1-2:2005-06 标准）。外护套颜色蓝色 (RAL 5015)。

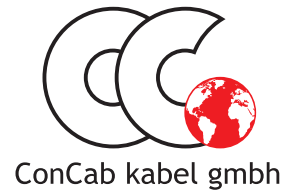
construction

Fine strands of bare copper wire. PVC core insulation. Core colours acc. to DIN 47100. Cores twisted in short lengths, pairs twisted in layers, tinned copper drain wire, tinned copper shield. PVC outer sheath, flame retardant and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06). Colour blue (RAL 5015).

技术数据 / technical data

额定电压 / rated voltage:	DIN VDE/IEC	300/500 V
测试电压 / test voltage:		2.000 V
导体绞合方式 / conductor stranding:	纯铜绞合 / fine copper strands,	
	符合 / acc. to DIN VDE 0295, 5 类标准 / class 5	
绝缘阻抗 / insulation resistance:		min. 20 MOhm x km
回路电阻 / loop resistance:	0,50 mm ² : max.	78 Ohm / km
	0,75 mm ² : max.	52 Ohm / km
电容 800Hz / capacitance at 800 Hz :	芯 / 芯 ca. / core/core app.:	120 - 150 nF/km
	芯 / 屏 ca. / core/shield app.:	160 - 240 nF/km
电感 / inductance:	大约 / app.	0,7 mH / km
温度范围 / temperature range:	固定安装 / fixed installation:	-30° C 至 /to +80° C
	移动应用 / flexible application:	-5° C 至 /to +70° 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:	12,5 x d 外径 -Ø / outer-Ø
符合标准 / approvals:		符合 / acc. to DIN VDE 0285, 0812

CC-data cable blue LiYCY-(TP)-128 for intrinsically safe electric circuits twisted pair, shielded



物料编码 part-no.	芯线数 / 导体截面积 no. of cores / cross-section	铜重 copper weight kg/km	外径 outer-Ø d mm	电缆重量 weight kg/km
128 0005 002	2 x 2 x 0,50	54	7,7	98
128 0005 003	3 x 2 x 0,50	70	9,1	130
128 0005 004	4 x 2 x 0,50	91	10,3	155
128 0005 006	6 x 2 x 0,50	120	12,3	208
128 0005 008	8 x 2 x 0,50	144	13,3	264
128 0005 012	12 x 2 x 0,50	237	15,3	353
128 0005 016	16 x 2 x 0,50	254	17,9	470
128 0005 020	20 x 2 x 0,50	304	19,2	525
128 0005 025	25 x 2 x 0,50	360	20,9	622
128 0007 002	2 x 2 x 0,75	60	8,8	106
128 0007 003	3 x 2 x 0,75	92	9,7	140
128 0007 004	4 x 2 x 0,75	115	11,0	179
128 0007 006	6 x 2 x 0,75	146	13,3	246
128 0007 008	8 x 2 x 0,75	180	14,9	305
128 0007 012	12 x 2 x 0,75	270	17,9	456
128 0007 016	16 x 2 x 0,75	330	20,1	564
128 0007 020	20 x 2 x 0,75	434	21,6	671
128 0007 025	25 x 2 x 0,75	530	24,4	805

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