



CC-Multinorm PVC-CY-168

通过 UL 和 CSA 认证的耐油 PVC 控制电缆，屏蔽

ConCab kabel gmbh



应用领域

CC-Multinorm PVC-CY-168 符合 UL/CSA 认证，并且屏蔽，是特别为北美市场设计的。其适合用作控制、调节和测量电缆，尤其是当要求无限制运动的时候。它可以用于机床、工厂和器械设备的构造中，以及采暖、空气调节、通风技术和和其它电器设备的应用场合以及有更高电磁兼容和耐油规定的地方，根据 DIN EN 50525-2-51:2012-01 和 UL 2587 标准要求。

PVC 外护套极其耐油和化学物质。免受硅酮、镉或其他有害物质影响。

application

The CC-Multinorm PVC-CY-168 shielded, with UL/CSA approval, is especially designed for the North American market. It is suitable as a control, regulating and measuring cable especially when free unrestricted movement is required. It is used in machine tool, plant and apparatus construction, heating, air conditioning, ventilation technology and for other electrical equipment where a greater electromagnetic compatibility (EMC) as well as stipulations for oil resistance under DIN EN 50525-2-51:2012-01 and UL 2587 are required. The outer sheath, based on PVC, is extremely resistant to oil and chemicals. It is to a large extent free of silicone, cadmium and free of harmful substances.

构造

纯铜丝绞合，PVC 芯线绝缘。黑色芯线带连续白色数字编号。3 芯及以上带绿黄保护接地导线。芯线绞合成缆。PVC 内护套，整体镀锡铜丝屏蔽。耐油 PVC 外护套，阻燃和自熄（符合 DIN EN 60332-1-2 VDE 0482 332-1-2:2005- 06 和 CSA FT1 部分标准）。外护套颜色灰色 (RAL 7001)。

construction

Fine strands of bare copper wire with PVC core insulation. Cores black with consecutive white numbering. 3 cores or more with protective greenyellow conductor in the outer layer. Cores twisted in layers. PVC inner sheath, overall tinned copper shield. Oil resistant PVC-based outer sheath, flame retardant and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005- 06 and CSA FT 1). Colour grey (RAL 7001).

技术数据 / technical data

额定电压 / rated voltage:	DIN VDE/IEC 300/500 V UL/CSA 600 V
测试电压 / test voltage:	3000 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
温度范围 / temperature range:	HAR 固定安装 / fixed installation: -40° C 至 /to +70° C HAR 移动应用 / flexible application: -5° C 至 /to +70° C UL/CSA
弯曲半径 / bending radius:	固定安装 / fixed installation: -40° C 至 /to +90° C UL/CSA 移动应用 / flexible application: -5° C 至 /to +90° C
符合标准 / approvals:	固定安装 / fixed installation: 5 x d 外径 -Ø / outer-Ø 移动应用 / flexible application: 15 x d 外径 -Ø / outer-Ø 符合 / acc. to DIN EN 50525-2-51:2012-01 UL: AWM-Style 1012, Style 2587, VW-1 CSA: AWM I A/B, II A/B, FT1 从 / from 4mm ² /AWG12 规格以上开始，只符合 / only UL / CSA

CC-Multinorm PVC-CY-168

oil resistant PVC-control cable with approvals
shielded



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
168 20 02	2 X 0,5	2 X AWG 20	29	8,1	92
168 20 03	3 G 0,5	3 X AWG 20	35	8,4	109
168 20 04	4 G 0,5	4 X AWG 20	47	9,1	126
168 20 05	5 G 0,5	5 X AWG 20	54	9,9	156
168 20 07	7 G 0,5	7 X AWG 20	68	11,4	195
168 20 12	12 G 0,5	12 X AWG 20	110	13,9	280
168 20 18	18 G 0,5	18 X AWG 20	153	16,0	418
168 20 25	25 G 0,5	25 X AWG 20	199	19,6	556
168 20 34	34 G 0,5	34 X AWG 20	283	21,6	634
168 20 41	41 G 0,5	41 X AWG 20	330	24,0	770
168 19 02	2 X 0,75	2 X AWG 19	37	8,8	110
168 19 03	3 G 0,75	3 X AWG 19	46	9,2	127
168 19 04	4 G 0,75	4 X AWG 19	55	10,0	157
168 19 05	5 G 0,75	5 X AWG 19	65	10,3	184
168 19 07	7 G 0,75	7 X AWG 19	84	12,4	235
168 19 12	12 G 0,75	12 X AWG 19	138	14,8	355
168 19 18	18 G 0,75	18 X AWG 19	194	17,0	517
168 19 25	25 G 0,75	25 X AWG 19	276	21,2	678
168 19 34	34 G 0,75	34 X AWG 19	352	23,7	861
168 19 41	41 G 0,75	41 X AWG 19	418	24,5	970
168 18 02	2 X 1,0	2 X AWG 18	44	8,9	102
168 18 03	3 G 1,0	3 X AWG 18	55	9,5	145
168 18 04	4 G 1,0	4 X AWG 18	67	10,1	180
168 18 05	5 G 1,0	5 X AWG 18	79	11,1	205
168 18 07	7 G 1,0	7 X AWG 18	108	12,7	273
168 18 12	12 G 1,0	12 X AWG 18	174	16,6	425
168 18 18	18 G 1,0	18 X AWG 18	269	19,1	580
168 18 25	25 G 1,0	25 X AWG 18	352	22,0	766
168 18 34	34 G 1,0	34 X AWG 18	450	25,6	996
168 18 41	41 G 1,0	41 X AWG 18	538	26,6	1.155
168 16 02	2 X 1,5	2 X AWG 16	56	9,9	151
168 16 03	3 G 1,5	3 X AWG 16	73	10,2	176
168 16 04	4 G 1,5	4 X AWG 16	90	11,4	235
168 16 05	5 G 1,5	5 X AWG 16	112	13,0	245
168 16 07	7 G 1,5	7 X AWG 16	148	14,8	314
168 16 12	12 G 1,5	12 X AWG 16	252	17,6	500
168 16 18	18 G 1,5	18 X AWG 16	353	20,5	657
168 16 25	25 G 1,5	25 X AWG 16	494	24,6	950
168 16 34	34 G 1,5	34 X AWG 16	639	27,2	1.204
168 16 41	41 G 1,5	41 X AWG 16	767	29,3	1.453

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
168 14 02	2 X 2,5	2 X AWG 14	87	11,3	202
168 14 03	3 G 2,5	3 X AWG 14	114	11,9	245
168 14 04	4 G 2,5	4 X AWG 14	148	13,4	296
168 14 05	5 G 2,5	5 X AWG 14	178	14,4	367
168 14 07	7 G 2,5	7 X AWG 14	236	17,1	480
168 14 12	12 G 2,5	12 X AWG 14	399	21,2	670
168 14 18	18 G 2,5	18 X AWG 14	590	24,8	1.052
168 14 25	25 G 2,5	25 X AWG 14	795	31,3	1.375
168 12 03	3 G 4	3 X AWG 12	198	12,8	310
168 12 04	4 G 4	4 X AWG 12	232	13,5	456
168 12 05	5 G 4	5 X AWG 12	275	14,6	532
168 12 07	7 G 4	7 X AWG 12	395	17,4	737
168 10 03	3 G 6	3 X AWG 10	242	16,6	411
168 10 04	4 G 6	4 X AWG 10	316	16,5	572
168 10 05	5 G 6	5 X AWG 10	411	18,5	732
168 10 07	7 G 6	7 X AWG 10	570	20,9	961
168 08 03	3 G 10	3 X AWG 8	416	17,2	741
168 08 04	4 G 10	4 X AWG 8	571	20,3	988
168 08 05	5 G 10	5 X AWG 8	690	22,0	1.202
168 08 07	7 G 10	7 X AWG 8	971	26,0	1.743
168 06 03	3 G 16	3 X AWG 6	660	23,6	1.088
168 06 04	4 G 16	4 X AWG 6	821	25,2	1.662
168 06 05	5 G 16	5 X AWG 6	1.127	29,0	2.021
168 06 07	7 G 16	7 X AWG 6	1.512	32,0	2.720
168 04 03	3 G 25	3 X AWG 4	1.091	28,0	1.947
168 04 04	4 G 25	4 X AWG 4	1.443	29,9	2.591
168 04 05	5 G 25	5 X AWG 4	1.802	34,0	3.197
168 04 07	7 G 25	7 X AWG 4	2.520	39,0	4.530
168 02 03	3 G 35	3 X AWG 2	1.501	30,0	2.701
168 02 04	4 G 35	4 X AWG 2	1.889	32,0	3.277
168 02 05	5 G 35	5 X AWG 2	2.532	37,0	4.530

从截面积 4mm²/AWG12 以上开始符合 <HAR> /
from cross-section 4 mm²/AWG12 in accordance to <HAR>

robust cables

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