


耐油PVC-控制电缆 符合HD21.13 S1标准 屏蔽
SHF- control cable H05VVC4V5-K

<p>护套颜色 Colour of jacket</p>  <p>(可按要求提供更多颜色 / other colours on request)</p>		<p>认证 Standards</p> 
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<p>应用场景 Application</p> 	<p>包装 Packaging</p> 
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<p>技术数据 Technical Data</p>			
<p>导体绞合方式/Conductor Stranding</p> <p>纯铜丝绞合</p> <p>符合 DIN VDE 0295, 5 类标准 / class 5</p>	<p>绝缘阻抗 / Insulation resistance</p> <p>min. 20 Mohm x km</p> <p>弯曲半径 / bending radius</p> <p>固定安装 5 x d 移动应用 15 x d</p>		
<p>额定电压 / Nominal Voltage</p> <p>U₀/U 300/500 V</p>	<p>符合标准 / approvals</p> <p>按照 DIN VDE 0250, 0285</p>		
<p>测试电压 / Test Voltage</p> <p>3000 V (AC)</p>	<p>温度范围 / Temperature range</p> <p>固定安装: -40°C - +70°C 移动应用: -5°C - +70°C</p>		

柔性 control cable H05VVC4V5-K 带屏蔽, 适合用作控制电缆, 调节和测试电缆, 尤其是要求做无限制自由运动的时候。它可以用于机床, 工厂和器械设备的建造中, 以及采暖、通风、空气调节, 有更高电磁兼容要求或有耐油要求的场合根据 DIN EN 50525-2-51:2012-01 标准。PVC 外护套, 极其耐油和化学物质。产品无硅酮、镉或其它有害物质。

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 第 332-1-2:2005-06 部分标准)。外护套颜色灰色 (RAL 7001)。

The flexible control cable H05VVC4V5-K shielded 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 and ventilation technology and where a greater electromagnetic compatibility (EMC) as well as stipulations for oil resistance under DIN EN 50525-2-51:2012-01 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. Fine strands of bare copper wire with PVC core insulation, cores black with consecutive white numbering. 3 cores or more with protective green/yellow conductor in the outer layer. Cores twisted in layers. PVC inner sheath, overall tinned copper shield, oil resistant PVC outer sheath, flame retardant and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06). Colour grey (RAL 7001).

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
2 X 0,5	10	5,9	46
3 G 0,5	15	6,2	54
4 G 0,5	21	7,0	65
5 G 0,5	24	7,4	80
7 G 0,5	34	9,3	119
12 G 0,5	58	11,4	186
14 G 0,5	67	12,5	215
18 G 0,5	87	13,4	260
25 G 0,5	120	16,2	349
27 G 0,5	130	16,7	373
34 G 0,5	164	19,5	480
41 G 0,5	196	21,0	570
50 G 0,5	240	22,5	658
61 G 0,5	293	24,0	780
65 G 0,5	313	26,3	810
2 X 0,75	15	6,3	52
3 G 0,75	22	6,8	75
4 G 0,75	29	7,5	82
5 G 0,75	36	8,3	113
7 G 0,75	50	10,1	145
12 G 0,75	86	12,2	231
14 G 0,75	101	13,2	274
18 G 0,75	130	14,3	338
25 G 0,75	180	17,7	461
34 G 0,75	245	19,8	614
41 G 0,75	296	21,5	730
50 G 0,75	360	23,3	850
61 G 0,75	439	25,8	1.030
65 G 0,75	469	26,1	1.071
2 X 1,0	20	6,8	66
3 G 1,0	29	7,2	78
4 G 1,0	39	7,8	99
5 G 1,0	48	8,8	132
7 G 1,0	67	10,4	183
12 G 1,0	115	13,0	286
14 G 1,0	134	14,5	361
18 G 1,0	173	15,5	400
25 G 1,0	240	18,4	569

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
27 G 1,0	259	18,4	582
34 G 1,0	326	20,9	742
41 G 1,0	392	22,7	822
42 G 1,0	402	22,7	837
50 G 1,0	480	23,8	1.052
61 G 1,0	586	25,9	1.265
65 G 1,0	624	27,7	1.315
2 X 1,5	29	7,7	90
3 G 1,5	43	8,6	97
4 G 1,5	58	9,3	128
5 G 1,5	72	10,3	168
7 G 1,5	101	12,0	243
12 G 1,5	173	14,6	324
14 G 1,5	202	16,0	372
18 G 1,5	259	17,6	485
25 G 1,5	360	21,8	671
27 G 1,5	389	21,8	695
34 G 1,5	490	26,0	881
41 G 1,5	590	26,4	1.085
42 G 1,5	605	27,0	1.110
50 G 1,5	720	28,5	1.381
61 G 1,5	878	30,7	1.640
65 G 1,5	936	32,8	1.730
2 X 2,5	48	9,0	110
3 G 2,5	72	9,7	154
4 G 2,5	96	10,8	212
5 G 2,5	120	11,9	242
7 G 2,5	168	14,7	350
12 G 2,5	288	17,8	543
14 G 2,5	336	19,6	611
18 G 2,5	432	21,4	787
25 G 2,5	600	26,1	1.175
34 G 2,5	816	29,5	1.529
41 G 2,5	984	32,6	1.905
50 G 2,5	1.200	35,0	2.290