

无卤, 黑色芯线数字编号, 带屏蔽
SHF- control cable H-CH

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| <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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| 技术数据 Technical Data | | | |
| 导体绞合方式 / Conductor Stranding | 纯铜绞合 | 绝缘阻抗 / Insulation resistance | min. 20 Mohm x km |
| | 符合 DIN VDE 0295, 5 类标准 / class 5 | 弯曲半径 / bending radius | 固定安装 5 x d 移动应用 15 x d |
| 额定电压 / Nominal Voltage | 300/500 V | 符合标准 / approvals | 按照 DIN VDE 0250, 0285 CEI 20.22 |
| 测试电压 / Test Voltage | 3000 V | | |
| 温度范围 / Temperature range | 固定安装: -40°C - +80°C 移动应用: -5°C - +70°C | | |

control cable H-CH-1130 屏蔽, 适合用作控制电缆和测试电缆, 尤其是有要求自由无限制运动的区域以及对电磁兼容性有更高要求的区域。其可用于机床、工厂和设备装置构造中, 以及采暖、通风技术和空气调节以及电气设备的其他应用中, 尤其是对人、货物和房屋的防火有更高要求的场合。

纯铜丝精绞, 无卤聚合物芯线绝缘。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。镀锡铜丝屏蔽。外护套无卤聚合物混合而成, 阻燃 (符合 IEC 60332-3 标准)。外护套颜色灰色 (RAL 7001 或者 7035)。

The control cable H-CH-1130 shielded is suitable as a control, regulating and measuring cable especially where free unrestricted movement is required and where an increased demand for electromagnetic compatibility (EMC) is. It is used in machine tools, plant and apparatus construction, heating, air conditioning and ventilation technology and for other applications of electrical equipment, particularly if there is an increased demand for protection against fire for humans, goods and premises.

Fine strands of bare copper wire with halogen-free polymer mixture insulation. Cores black with consecutive white numbering. 3 cores or more with protective greenyellow conductor in the outer layer. Cores twisted in layers. Tinned copper shield. Outer sheath of halogen-free polymer mixture, flame retardant (acc. to IEC 60332-3). Colour grey (RAL 7001 or 7035).

| 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 | 36 | 5,8 | 51 |
| 3 G 0,5 | 43 | 6,1 | 61 |
| 4 G 0,5 | 49 | 6,5 | 72 |
| 5 G 0,5 | 57 | 7,0 | 85 |
| 7 G 0,5 | 70 | 7,5 | 105 |
| 12 G 0,5 | 119 | 9,9 | 170 |
| 18 G 0,5 | 159 | 11,5 | 236 |
| 25 G 0,5 | 211 | 13,4 | 345 |
| | | | |
| 2 X 0,75 | 43 | 6,2 | 60 |
| 3 G 0,75 | 52 | 6,5 | 77 |
| 4 G 0,75 | 61 | 7,0 | 87 |
| 5 G 0,75 | 72 | 7,7 | 106 |
| 7 G 0,75 | 89 | 8,3 | 140 |
| 12 G 0,75 | 153 | 10,9 | 220 |
| 18 G 0,75 | 211 | 12,7 | 315 |
| 25 G 0,75 | 280 | 14,8 | 435 |
| | | | |
| 2 X 1,0 | 51 | 6,5 | 79 |
| 3 G 1,0 | 62 | 6,8 | 90 |
| 4 G 1,0 | 74 | 7,3 | 110 |
| 5 G 1,0 | 88 | 8,1 | 140 |
| 7 G 1,0 | 112 | 8,8 | 175 |
| 12 G 1,0 | 190 | 11,5 | 285 |
| 18 G 1,0 | 268 | 13,9 | 399 |
| 25 G 1,0 | 354 | 15,9 | 566 |
| | | | |
| 2 X 1,5 | 65 | 7,1 | 91 |
| 3 G 1,5 | 82 | 7,5 | 112 |
| 4 G 1,5 | 100 | 8,2 | 141 |
| 5 G 1,5 | 119 | 8,9 | 170 |
| 7 G 1,5 | 154 | 9,9 | 223 |
| 12 G 1,5 | 268 | 13,0 | 365 |
| 18 G 1,5 | 373 | 15,6 | 517 |
| 25 G 1,5 | 530 | 17,9 | 745 |
| 34 G 1,5 | 683 | 21,1 | 895 |

| 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 2,5 | 97 | 8,7 | 134 |
| 3 G 2,5 | 150 | 8,9 | 176 |
| 4 G 2,5 | 175 | 9,9 | 210 |
| 5 G 2,5 | 204 | 11,0 | 248 |
| 7 G 2,5 | 253 | 11,9 | 368 |
| 12 G 2,5 | 444 | 16,0 | 598 |
| | | | |
| 2 X 4 | 136 | 10,0 | 190 |
| 3 G 4 | 180 | 10,5 | 248 |
| 4 G 4 | 248 | 11,6 | 333 |
| 5 G 4 | 330 | 12,9 | 412 |
| 7 G 4 | 371 | 14,4 | 545 |
| | | | |
| 2 X 6 | 176 | 11,7 | 270 |
| 3 G 6 | 242 | 12,7 | 337 |
| 4 G 6 | 343 | 14,2 | 437 |
| 5 G 6 | 443 | 15,5 | 530 |
| 7 G 6 | 510 | 17,0 | 700 |
| | | | |
| 2 X 10 | 267 | 15,8 | 425 |
| 3 G 10 | 373 | 15,6 | 510 |
| 4 G 10 | 535 | 17,2 | 805 |
| 5 G 10 | 615 | 19,5 | 888 |
| 7 G 10 | 825 | 21,4 | 1.356 |
| | | | |
| 4 G 16 | 815 | 20,2 | 972 |
| 5 G 16 | 1.065 | 22,6 | 1.370 |
| | | | |
| 4 G 25 | 1.075 | 25,3 | 1.443 |
| 5 G 25 | 1.446 | 28,3 | 1.820 |
| | | | |
| 4 G 35 | 1.620 | 29,4 | 1.986 |
| | | | |
| 4 G 50 | 2.288 | 35,9 | 2.774 |