

彩色芯线标注, 带钢丝编织屏蔽  
SHF- control cable PVC-JB-SY

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|--|--|--|
| <p><b>护套颜色</b><br/>Colour of jacket</p>  <p>(可按要求提供更多颜色 / other colours on request)</p> |  | <p><b>认证</b><br/>Standards</p>  |
|--|--|--|

|  |   |
|--|---|
| <p><b>应用场景</b><br/>Application</p>  | <p><b>包装</b><br/>Packaging</p>  |
|--|---|

|                                       |   |                                     |                                   |
|---------------------------------------|---|-------------------------------------|-----------------------------------|
| <p><b>技术数据</b><br/>Technical Data</p> |   |                                     |                                   |
| <p>导体绞合方式 / Conductor Stranding</p>   | <p>纯铜丝绞合</p>                                      | <p>绝缘阻抗 / Insulation resistance</p> | <p>min. 20 Mohm x km</p>          |
|                                       | <p>符合 DIN VDE 0295, 5 类标准 / class5</p>            | <p>弯曲半径 / bending radius</p>        | <p>固定安装 6 x d<br/>移动应用 20 x d</p> |
| <p>额定电压 / Nominal Voltage</p>         | <p>U<sub>0</sub>/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>4000 V (AC)</p>                                |                                     |                                   |
| <p>温度范围 / Temperature range</p>       | <p>固定安装: -40°C - +80°C<br/>移动应用: -5°C - +70°C</p> |                                     |                                   |

柔性 control cable PVC-JB-SY 带钢丝编织屏蔽, 适合作为控制, 调节和测量电缆, 尤其是当需要做自由无限制运动的时候。它可用于机床、工厂和器械设备的构造, 以及采暖、空气调节和通风技术, 以及在电气装置其它领域中的应用。内护套、钢丝编织屏蔽以及外护套构成了三重保护, 使该电缆特别适用于重型机械工作应用领域。特殊 PVC 外护套及其耐油和化学物质。产品无硅酮、镉、或其它有害物质。

纯铜丝绞合, PVC 芯线绝缘。芯线颜色符合 DIN VDE 0293 第 308 部分标准, 3 芯及以上带绿黄保护接地导线。芯线绞合成缆。PVC 内护套, 整体镀锌钢丝编织, PVC 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)。外护套颜色透明。

*The flexible control cable PVC-JB-SY with steel wire braiding, is suitable as a control, regulating and measuring cable especially for free, unrestricted movement. It is used in machine tool, plant and apparatus construction, heating, air conditioning and ventilation technology as well as for other applications in electrical equipment. On account of its triple protection with an inside sheath, steel wire braiding and an outer sheath, it is particularly suitable for heavy mechanical work.*

*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, PVC core insulation. Cores coloured acc. to DIN VDE 0293, part 308. 3 cores or more with protective green/yellow conductor in the outer layer. Cores twisted in layers. PVC inner sheath, overall galvanized steel wire braiding, PVC outer sheath, flame retardant and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06). Colour transparent.*

| 芯线数 /<br>导体截面积<br>no. of cores /<br>cross-section | 铜重<br>copper<br>weight<br>kg/km | 外径<br>outer-Ø<br>d<br>mm | 电缆重量<br>weight<br>kg/km |
|---|---------------------------------|--------------------------|-------------------------|
| 2 X 0,5   | 10                              | 7,7                      | 114                     |
| 3 G 0,5   | 15                              | 8,1                      | 123                     |
| 4 G 0,5   | 20                              | 8,6                      | 138                     |
| 5 G 0,5   | 24                              | 9,2                      | 154                     |
|   |                                 |                          |                         |
| 2 X 0,75  | 15                              | 8,1                      | 126                     |
| 3 G 0,75  | 22                              | 8,5                      | 143                     |
| 4 G 0,75  | 29                              | 9,4                      | 155                     |
| 5 G 0,75  | 36                              | 9,9                      | 185                     |
|   |                                 |                          |                         |
| 2 X 1,0   | 20                              | 8,7                      | 145                     |
| 3 G 1,0   | 29                              | 8,8                      | 163                     |
| 4 G 1,0   | 39                              | 9,6                      | 184                     |
| 5 G 1,0   | 48                              | 10,2                     | 212                     |
|   |                                 |                          |                         |
| 2 X 1,5   | 29                              | 9,3                      | 170                     |
| 3 G 1,5   | 43                              | 9,8                      | 190                     |
| 4 G 1,5   | 58                              | 10,2                     | 221                     |
| 5 G 1,5   | 72                              | 11,2                     | 265                     |
|   |                                 |                          |                         |
| 2 X 2,5   | 48                              | 12,1                     | 185                     |
| 3 G 2,5   | 72                              | 12,6                     | 280                     |
| 4 G 2,5   | 96                              | 13,9                     | 335                     |
| 5 G 2,5   | 120                             | 15,2                     | 430                     |
|   |                                 |                          |                         |
| 3 G 4   | 116                             | 14,6                     | 349                     |
| 4 G 4   | 154                             | 15,7                     | 460                     |
| 5 G 4   | 192                             | 17,3                     | 550                     |

| 芯线数 /<br>导体截面积<br>no. of cores /<br>cross-section | 铜重<br>copper<br>weight<br>kg/km | 外径<br>outer-Ø<br>d<br>mm | 电缆重量<br>weight<br>kg/km |
|---|---------------------------------|--------------------------|-------------------------|
| 3 G 6   | 173                             | 15,8                     | 452                     |
| 4 G 6   | 230                             | 17,3                     | 595                     |
| 5 G 6   | 288                             | 18,8                     | 673                     |
|   |                                 |                          |                         |
| 4 G 10  | 384                             | 21,1                     | 982                     |
| 5 G 10  | 480                             | 23,1                     | 1.136                   |
|   |                                 |                          |                         |
| 4 G 16  | 614                             | 23,8                     | 1.350                   |
| 5 G 16  | 768                             | 26,7                     | 1.650                   |
|   |                                 |                          |                         |
| 4 G 25  | 960                             | 29,2                     | 2.000                   |
| 5 G 25  | 1.200                           | 32,4                     | 2.400                   |
|   |                                 |                          |                         |
| 4 G 35  | 1.344                           | 32,5                     | 2.060                   |
| 5 G 35  | 1.680                           | 36,3                     | 3.000                   |
|   |                                 |                          |                         |
| 4 G 50  | 1.920                           | 38,5                     | 2.943                   |
|   |                                 |                          |                         |
| 4 G 70  | 2.688                           | 43,5                     | 4.092                   |
|   |                                 |                          |                         |
| 4 G 95  | 3.648                           | 49,7                     | 6.300                   |
|   |                                 |                          |                         |
| 4 G 120   | 4.608                           | 56,9                     | 7.250                   |