

阻燃型 PVC 控制电缆,符合意大利标准CEI 20-22 II
SHF- control cable-CEI-FR

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

应用场景 Application	包装 Packaging
	

技术数据 Technical Data			
导体绞合方式 / Conductor Stranding	纯铜丝绞合	绝缘阻抗 / Insulation resistance	min. 20 Mohm x km
	符合 CEI 20-29, 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	小于 / up to 1,0mm ² : 300/500 V 大于 / from 1,5mm ² : 450/750 V	符合标准 / approvals	符合 / acc. to CEI 20-22 II
测试电压 / Test Voltage	2000 V		
温度范围 / Temperature range	固定安装: -40°C - +70°C 移动应用: -5°C - +70°C		

control cable-CEI-FR-162 特别获意大利市场批准认可的。其适合作控制电缆和测量电缆，尤其是当需要做自由无限制运动的时候。其拥有改良的防火特性，一旦着火对人和材料能提供更好的保护。其可以用于机床、工厂以及器械设备的构造中，以及采暖、通风技术、空气调节以及数据加工处理和技术传输应用。特殊 PVC 外护套，极其耐油和化学物质。该产品无硅酮、镉或任何有害物质。

纯铜丝精绞，PVC 芯线绝缘。5 芯及以下芯线颜色根据 DIN VDE 0293 308 部分标准，6 芯及以上 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 外护套，耐油（按照 CEI 20-22 II 标准）并且也阻燃和自熄（符合 IEC 60332-3 标准），外护套颜色灰色（RAL 7001）。

The control cable-CEI-FR is especially approved for the Italian market. It is suitable as a control, regulating and measuring cable when free unrestricted movement is required. It has improved fire characteristics and is used for higher protection of humans and materials in case of fire. It is used in machine tool, plant and apparatus construction, heating, air conditioning and ventilation technology and in data processing and transport technological applications. The outer sheath, based on PVC, is extremely resistant to oil and chemicals. It is at a large extent free of silicone, cadmium and free of harmful substances.

Fine strands of bare copper wire with PVC core insulation. Up to 5 cores, cores are coloured acc. to DIN VDE 0293, part 308. 6 cores or more, cores black with consecutive white numbering. 3 cores or more with protective green/yellow conductor in the outer layer. Cores twisted in layers. PVC outer sheath, oil and petrol resistant (acc. to CEI 20-22 II) as well as flame retardant and self-extinguishing (acc. to IEC 60332-3). 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
3 G 1,0	29	8,5	85
4 G 1,0	39	9,5	100
5 G 1,0	48	10,5	123
7 G 1,0	67	10,8	160
12 G 1,0	115	13,8	270
18 G 1,0	173	16,5	380
25 G 1,0	240	19,5	500
27 G 1,0	259	20,0	560
33 G 1,0	317	20,8	700
34 G 1,0	326	21,0	720
42 G 1,0	405	23,3	800
50 G 1,0	480	25,0	1.050
3 G 1,5	43	9,6	105
4 G 1,5	58	11,0	150
5 G 1,5	72	12,0	190
7 G 1,5	101	12,5	220
12 G 1,5	173	16,0	350
18 G 1,5	259	18,8	515
25 G 1,5	360	23,0	705
34 G 1,5	490	26,0	990
37 G 1,5	533	26,5	1.005
42 G 1,5	605	29,5	1.080
50 G 1,5	720	30,5	1.330

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
3 G 2,5	72	11,3	190
4 G 2,5	96	12,3	215
5 G 2,5	120	12,6	270
7 G 2,5	168	14,5	350
12 G 2,5	288	18,0	550
4 G 4	154	14,0	300
7 G 4	269	16,0	500
4 G 6	230	16,0	430
4 G 10	384	19,0	700
4 G 16	614	23,0	1.000
4 G 25	960	28,0	1.550
4 G 35	1.344	31,0	2.070
4 G 50	1.920	37,0	2.850
4 G 70	2.688	43,0	4.000
4 G 95	3.648	50,0	5.400