

高柔型聚氨酯电机电缆

SERVO-HIFLEX 751

导体 CONDUCTOR	符合 GB/T 3956 (idt. IEC 60332) 标准中规定的第五类裸铜导体
绝缘 INSULATION	塑料弹性体 (TPE) 混合物
芯线标识 IDENTIFICATION OF CORES	黑色芯线上附白色数字编号, 保护芯线采用黄绿双色芯线
成缆方式 ASSEMBLY OF CORE	4 芯绞合成缆, 无纺布带绕包, 成缆方式按高柔型要求
屏蔽 SCREEN	镀锡铜丝编织屏蔽, 编织密度不小于 85%
外护套 OUT SHEATH	聚氨酯 (TPU) 弹性体混合物, 颜色橙
额定电压 NOMINAL VOLTAGE	600/1000V
试验电压 TEST VOLTAGE	4000V, 5min.
绝缘电阻 INSULATION RESISTANCE	>20MΩ x km
30MHz 转移阻抗 TRANSFER IMPEDANCE @30MHZ	≤250 Ω/km
使用温度 OPERATING TEMPERATURE	-30 ~ +80°C (固定安装) -5 ~ +80°C (移动安装)
弯曲半径 BENDING RADIUS	7.5x 电缆外径
最大移动速度 MAXIMUM SPEED	300m/min
最大加速度 MAXIMUM ACCELERATION	25m/s ²
耐油特性 OIL RESISTANCE	IEC 60 811-2-1
阻燃特性 FLAME RESISTANCE	IEC 60 332.1

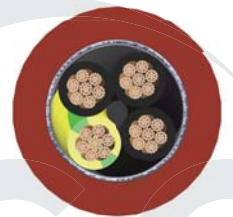
应用/APPLICATION

SERVO-HIFLEX 751 电缆根据不同的变频供应商对无刹车信号电力电缆的不同要求进行设计。同时在结构也满足了相关供应商提出的要求, 具有良好的装配特性。

针对移动安装要求在工艺及材料的选择上采用了特别的设计, 在低温条件下具备极佳的柔软特性和优良的耐油特性。TPU材料外护套具有极佳的物理机械特性, 可耐切削、冲击、耐磨和良好的低温特性。本产品广泛应用于橡胶设备、加工中心、金属切削、汽车装配等系统的金属拖链或大长度的拖链系统中。

SERVO-HIFLEX 751 cables are designed for servo-motor power cable without brake conductors with overall shield as the connection between motor and motor drive converter power module. The dimension of these cables are complied with inquires of the connector and end sleeve size.

These cables designed for under dynamic stress condition, where excellent flexible and oil resistance inquiry at low-temperature, due to the special chosen of the material and the produce process. The excellent mechanical properties of TPU outer-sheath like tear and abrasion resistant also at low-temperature, make these cables can used in energy chain systems for tread machine, work center, metal cutting machine, automatic lines and in many applications with heavy stress and long distance.



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参数表/DATA SHEET

产品编号 PART NO.	SIEMENS P/N	芯线数 × 标称截面积 NUMBER & NOMINAL X-SECTION AREA OF CONDUCTOR (MM ²)	外径 OVERALL DIAMETER (MM)	计算铜重 CU WEIGHT (KG/KM)
751 0101	6FX8008-1BB11	4 G 1.5	10.0	90.9
751 0102	6FX8008-1BB21	4 G 2.5	11.7	136.8
751 0103	6FX8008-1BB31	4 G 4	13.1	199.7
751 0104	6FX8008-1BB41	4 G 6	15.2	283.1
751 0105	6FX8008-1BB51	4 G 10	19.7	479.8
751 0106	6FX8008-1BB61	4 G 16	23.3	729.0
751 0107	6FX8008-1BB25	4 G 25	28.3	1138.9
751 0108	6FX8008-1BB35	4 G 35	31.8	1545.8
751 0109	6FX8008-1BB50	4 G 50	36.7	2157.8

注释/REMARK

- 1/ 更多规格请联系我司
- 2/ X-不含黄绿接地保护芯线，G-含黄绿接地保护芯线
- 3/ 标准包装 100m、500m、1000m

OLDEN DUCK