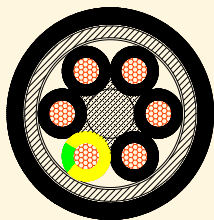


ROBOT (CY) 拖链专用 机器人屏蔽电缆

ROBOT (CY) Drag chain Robots are shielded cable

耐弯曲 (Flex Index) 耐寒 (Cold Res) 耐磨 (wear-resisting) ROHS

产品图示 (Product icons)




1. 产品应用 APPLICATION:

这种电缆是专为机器人系统作为控制和信号使用而设计的，良好的弯扭曲性能使它也可以作为连接与控制用柔性电缆，应用于干燥或潮湿的室内，往复自由弯曲移动无强制拉力的拖链系统中。

This cable is designed for robot system used as a control and signal, Good bending distortion performance make it also can be used as connection and control using the flexible cable, Apply to dry or wet indoor, Reciprocating bending free mobile no compulsory pull drag chain system.

2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE): ROBOT (CY)	导体: 裸软铜, 多根细铜丝绞合, 符合DIN VDE 0295第6类和 IEC 60228第6类导体之规定 conductor: Barewire conform toVDE 0295and IEC 60228
技术标准 (standards) 符合DIN VDE 0281; 0293; 0295 的要求	绝缘: 线芯特殊TPE绝缘 insulation: Insulation special TPE
额定电压 (Rated Voltage): $\leq 0.35\text{mm}^2$ 300V	成缆: 绝缘芯线采用最优节距绞合成缆 cabling: core of cable adopt optimal pitch strand
使用温度 (Use Temperature)	屏蔽: 镀锡铜丝缠绕屏蔽, 遮蔽率 $\geq 85\%$ shield: Tinned Wire twine Coverage $\geq 85\%$
挠曲bend -5°C 至 $+80^{\circ}\text{C}$	外护套: 特殊PUR护套料, 符合DIN VDE 标准之规定 over sheath: special PUR, conform to DIN VDE
静态static state -35°C 至 $+80^{\circ}\text{C}$	
最小弯曲半径 (Bend Radius)  6×产品外径 (OuterDiameter) G=有黄-绿接地线 ×=无黄-绿接地线	

导体规格 mm^2	线缆芯数
0.25	2 ~ 100 (芯)
0.35	2 ~ 80 (芯)
0.5	2 ~ 60 (芯)
0.75	2 ~ 50 (芯)
1.0	2 ~ 30 (芯)
1.5	3 ~ 20 (芯)
2.5	3 ~ 20 (芯)

* 其它规格可按客户需求订制

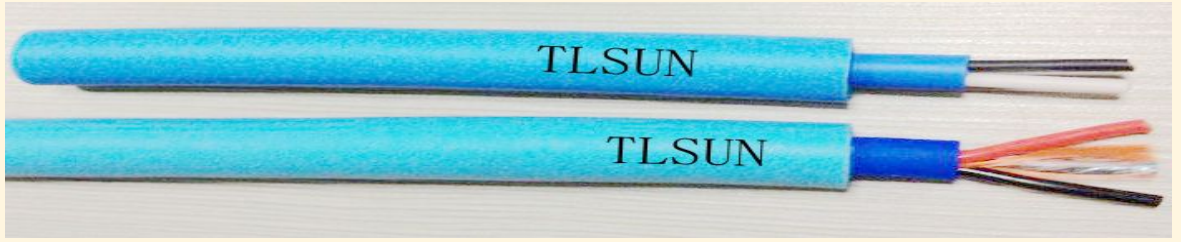
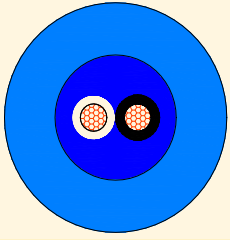


Floating Cable 漂浮电缆（水下作业机器人专用电缆）

Floating cable Underwater robot special cable

防水 (Water-Repellent) RoHS

产品图示 (Product icons)




1. 产品应用 APPLICATION:

这种电缆是专为水下作业机器人系统作为控制和电源使用而设计的，特殊的材料和结构设计，这种电缆可以漂浮在水面，非常适合游泳池水下清洁作业机器人等浅水区域使用。

This cable is designed for robot system as the control and power supply used for underwater operations, Special material and structure design, This cable can be floating in the water, Very suitable for swimming pool underwater cleaning robot using such as shallow water area.

2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE): Floating Cable	导体: VDE 6类导体, 多股精细 (镀锡) 裸铜软铜丝绞合。 conductor: VDE 6 class conductor, multistrand
技术标准 (standards) 符合DIN VDE 0281; 0293; 0295 的要求	绝缘: 线芯特殊TPE绝缘 Insulation: Insulation special TPE
额定电压 (Rated Voltage): 300V	成缆: 绝缘芯线采用最优节距绞合成缆 cabling: core of cable adopt optimal pitch strand
最小弯曲半径 (Bend Radius)  15×产品外径 (OuterDiameter)	外护套: 特殊FTPE护套料 over sheath: special FTPE

导体规格mm ²	外径 O. D	
	下限	上限
芯数×规格		
2×16AWG	12.0	13.1
2×16AWG+2×24AWG	12.0	13.1
2×18AWG	12.0	13.1
4×16AWG+2×20AWG	12.0	13.1
-	-	-
-	-	-

* 其它规格可按客户需求订制

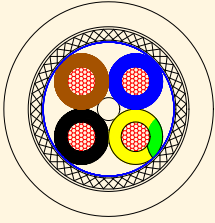


2YSLCY 变频电机专用电缆

2YSLCY Frequency conversion motor special cable

耐油 (oil proof) 耐磨 (wear-resisting) RoHS

产品图示 (Product icons)



1. 产品应用 APPLICATION:

这种电缆主要用于变频电源和变频电机之间连接用的电缆, 以及额定电压1KV及以下的输配电线路中, 作输送电能用. 尤其适用于造纸、冶金、金属加工、矿山、铁路和食品加工等行业, 适合固定安装于中等机械应力和干燥, 潮湿的环境中作为连接电缆使用, 不适合户外安装。


The connection between the cable is mainly used for frequency conversion power and frequency conversion motor with cable, And the rated voltage 1 kv and below power transmission and distribution lines, As a transport electricity, Suitable for paper making, metallurgy, metal processing, mining, railway and food processing industries, Suitable for fixed installation in the medium to mechanical stress and dry, humid environment used as connecting cable, Not suitable for outdoor installation.

特性characteristic:

这种电缆是低耦合电容, 使得它在动力传输中相比普通电缆的损失要低, 并由于结构设计的屏蔽层, 保证了变频的传输不受干扰; 低耦合电阻; 高电磁兼容。

The cable is Low coupling capacitance, It compared to common cable in the power transmission loss is lower, due to the structure design of the shielding layer, To ensure the frequency conversion transmission without interference, Low coupling resistance, High electromagnetic compatibility.

2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)		结构说明 (structure specification)	
型号 (TYPE):	2YSLCY	导体:	VDE 5类导体, 多股细软 (镀锡) 裸铜铜丝绞合.
技术标准 (standards):	符合DIN VDE 标准	conductor:	VDE 5 class conductor, multistrand
额定电压 (Rated Voltage):	0.6/1 KV	绝缘:	特殊PE绝缘
使用温度 Use Temperature		Insulation:	Insulation special PE
挠曲 bend	-0°C 至 +70°C	成缆:	绝缘芯线采用最优节距绞合成缆.; 成缆后特殊铝箔被覆屏蔽. 镀锡铜丝编织屏蔽, 遮蔽率≥80%.
静态 static state	-30°C 至 +70°C	cabling:	core of cable adopt optimal pitch cabling; Special aluminum foil shield; Tinned Wire Braid Coverage ≥80%.
最小弯曲半径 (Bend Radius) 		外护套:	特殊PVC外护套.
挠曲 bend	14×产品外径 (OuterDiameter)	over sheath:	special Transparent PVC outer sheath
静态 static state	8×产品外径 (OuterDiameter)		

导体规格mm²

导体规格mm²

1.5

4芯

2.5

4芯

6

4芯

10

4芯

25

4芯

35

4芯

* 其它规格可按客户需求订制

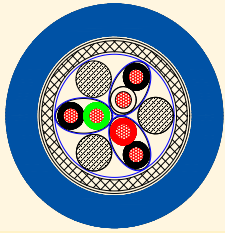


Encoder 拖链专用 编码器电缆

drag chain Encoder cable

耐弯曲 (Flex Index) 耐油 (oil proof) 耐磨 (wear-resisting) ROHS

产品图示 (Product icons)



1. 产品应用 APPLICATION:

带有镀锡铜编织网屏蔽效果，主要适用于工业设备；控制及自动化设备中有机械拉力要求的场合，作为连接电缆使用，还可以作为测量、监测和控制电缆，适合用在机床制造、成套设备安装工程、电站、和空调系统、冷冻设备、办公自动设备、以及数据处理系统等场合。

With tin plated copper woven mesh shielding effect, Mainly applied to industrial equipment; Control and automation equipment in places that have requirements of mechanical tensile requirements, Used as a connecting cable, Also can be used as a measure, monitor and control cable, Suitable for use in machine tool manufacturing, Complete sets of equipment installation works, Power stations, And air conditioning systems, Frozen equipment, Office automatic equipment, And the data processing system, etc.

2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE): Encoder	导体: VDE 6类导体 多股细软铜丝导体。材料 conductor: VDE 6 class conductor More soft copper wire conductor
技术标准 (standards) 符合DIN VDE 0281; 0250; UL	绝缘: TPEE绝缘。 insulation: TPEE insulation
额定电压 (Rated Voltage): $\leq 0.35\text{mm}^2$ 300V 0.5-1.0mm ² 500V	成缆: 绝缘芯线采用最优节距绞合成缆; 成缆后包覆隔离包带。 cabling: core of cable adopt optimal pitch cabling; After the cabling cladding Isolated package with
使用温度 (Use Temperature) 挠曲bend: -5°C 至 +80°C 静态static state: -30°C 至 +90°C	屏蔽: 镀锡铜丝及排流线总屏蔽, 覆盖率 $\geq 85\%$; 编织屏蔽后无纺布隔离。 shield: Tin plated copper wire and streamline the total shielding, Coverage of 85% or higher; Non-woven isolation after weaving
最小弯曲半径 (Bend Radius) 6×产品外径 (Outer Diameter)	外护套: 特殊PUR外护套。 over sheath: special PUR.

导体规格mm ²	外径
2×(2×0.2)	约 5.8 mm
4×(2×0.2)	约 7.0 mm
3×(2×0.15)+2×0.5	约 9.0 mm
3×(2×0.15)+4×0.15+2×0.5	约 9.7 mm
4×(2×0.4)+4×0.5	约 10.2 mm
3×(2×0.15)+2×1.0	约 9.8 mm
5×(2×0.15)+2×0.5	约 9.6 mm

* 其它规格可按客户需求订制

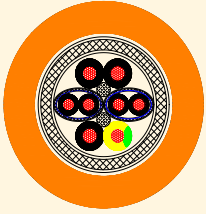


SERVO 拖链专用 伺服电缆

Servo drag chain cable

耐弯曲 (Flex Index) 耐油 (oil proof) 耐磨 (wear-resisting) ROHS

产品图示 (Product icons)



1. 产品应用 APPLICATION:

这种电缆适用于伺服马达作为电源供电使用，结构中带有双重屏蔽，还可以作为测量、监测和控制电缆用在机器、车间及机器人结构、自动化、驱动、控制和生产工程中、办公自动设备、以及数据处理系统等场合。

The cable is suitable for the servo motor as a power supply is used, Structure with double screen, Also can be used as a measurement, Monitor and control cables, Used in the machine, Workshop and the robot structure, automation, drive and control, etc.

2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE): SERVO	导体: 多股铜丝绞合导体 (镀锡) 裸铜 conductor: Multi-strand copper stranded conductor (tin) bare copper
技术标准 (standards) 符合DIN VDE 0281; 0245	绝缘: TPEE绝缘。 insulation: TPEE insulation
额定电压 (Rated Voltage): 动力线: 0.6/1 KV 控制线: 300/500V	成缆: 控制线对包覆铝箔后再编织屏蔽。; 动力芯线与控制线对采用最优节距绞合成缆。 cabling: control pair cladding AL-FOIL rear Braided shielding; Power conductor And the line of control Using the optimal pitch cabling.
使用温度 (Use Temperature) 挠曲bend: -30°C 至 +80°C 静态static state: -40°C 至 +85°C	屏蔽: 成缆后包覆隔离包带; 镀锡铜丝总屏蔽, 覆盖率 ≥ 85% shield: cabling rear cladding belting; Tin plated copper wire total shielding Coverage of 85% or higher
最小弯曲半径 (Bend Radius) 7×产品外径 (OuterDiameter)	外护套: 特殊PUR, 符合DIN VDE规定 over sheath: special PUR, conform to DIN VDE

导体规格mm ²	外径/颜色
(4×2.5) +2×1.0	约 14.1 mm/橙色外护套
(4×1.5) +2×(2×1.0)	约 13.1 mm/橙色外护套
4×1.5	约 10.4 mm/橙色外护套
(4×1.5) +2×1.0	约 11.8 mm/橙色外护套
(4×2.5) +2×(2×1.0)	约 14.9 mm/橙色外护套
4×2.5	约 12.2 mm/橙色外护套
(4×4.0) +2×(2×1.0)	约 16.7 mm/橙色外护套

* 其它规格可按客户需求订制

