

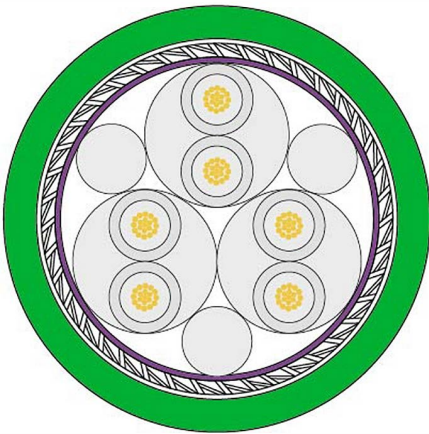
SERVO
ENCODER CABLE

静态伺服编码器电缆 (30V)

应用场合 APPLICATION	伺服电机用编码器线，固定安装 Encoder cable for servo system , fixed installation
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电缆结构 CABLE CONSTRUCTION



01 导体
CONDUCTOR

多股绞合裸铜丝—IEC 602 28 5类 —VDE 0295 5类
Stranded bare copper wire acc. to IEC 60228 CL5 , VDE 0295 CL5

02 芯线绝缘
CORE INSULATION

聚氯乙烯PVC
Polyvinylchloride (PVC)
芯线颜色：根据客户要求
Core Identification: Wire identification by colour

03 绞合
CABLING

分对绞合+填充+包带
Pairs twisted in layer with fillers in foil

04 总屏蔽
SHIELD

镀锡铜丝，密度>85%
Shield braiding of tinned copper wires, covering > 85 %

05 护套
JACKET

聚氯乙烯PVC
Polyvinylchloride (PVC)
护套颜色：绿色 RAL 6018
Jacket Color: Green acc. to RAL 6018

技术参数

额定电压	30V
测试电压	0.5kV 50Hz AC , 芯-屏蔽
温度范围	-20℃~+80℃/+105℃ (固定安装)
弯曲半径	≥ 5倍电缆外径 (固定安装)

TECHNICAL DATA

Nominal voltage	30V
Test voltage	0.5kV 50Hz AC , core-shield
Temperature range	-20℃~+80℃/+105℃ (fixed installation)
Bending Radius	≥ 5D (fixed installation)

性能特征 SPECIAL FEATURES

	电缆符合UL758、UL1581规范要求 Cables comply with UL758、UL1581		优异的EMC性能 Very good EMC performance
	耐油性能满足UL1581，DIN VDE 2081 Part1/HD21.1S3 Oil resistant acc. To UL1581 , DIN VDE 2081 Part1/HD21.1S3		产品符合RoHS、Reach环保要求 Cables comply with RoHS、Reach environmental requirements
	阻燃等级满足IEC 60332-1，UL VW-1 Flame retardant and self-extinguishing acc. To IEC 60332-1 , UL VW-1		

标准规格 STANDARD

安费诺标准规格	
规格Dimensions mm ² [AWG]	参考外径Outer diameter mm [Ref]
3×[2 ×0.14] [26AWG]	4.20
3×[2 ×0.25] [24AWG]	7.00
3×[2 ×0.34] [22AWG]	7.20
3×[2 ×0.50] [20AWG]	8.20
4×[2 ×0.14] [26AWG]	6.70
4×[2 ×0.25] [24AWG]	8.80
4×[2 ×0.34] [22AWG]	8.20
4×[2 ×0.50] [20AWG]	9.00
5×[2 ×0.14] [26AWG]	7.10
5×[2 ×0.25] [24AWG]	8.30
5×[2 ×0.34] [22AWG]	8.80
5×[2 ×0.50] [20AWG]	9.60
6×[2 ×0.14] [26AWG]	7.50
6×[2 ×0.25] [24AWG]	8.70
6×[2 ×0.34] [22AWG]	9.20
6×[2 ×0.50] [20AWG]	9.40
8×[2 ×0.14] [26AWG]	8.70
8×[2 ×0.25] [24AWG]	9.80
8×[2 ×0.34] [22AWG]	10.40
8×[2 ×0.50] [20AWG]	12.00

备注：所列产品为标准结构，特殊需求可定制。

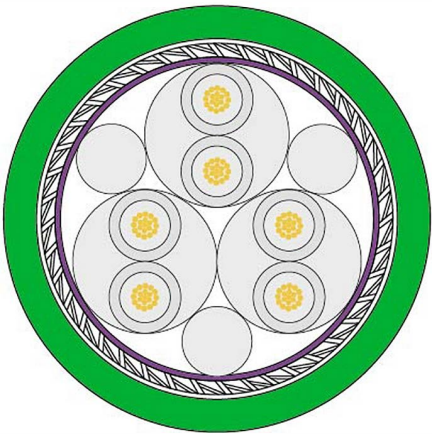
SERVO
ENCODER CABLE

高柔伺服编码器电缆 (30V)



应用场合 APPLICATION	伺服电机用动力线，高柔，高强度，频繁移动 Encoder cable for servo system, flexible installation, with high mechanical stress
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电缆结构 CABLE CONSTRUCTION



01 导体
CONDUCTOR

精细绞合裸铜丝—IEC 60228 6类—VDE 0295 6类
Fine stranded bare copper wire acc. to IEC 60228 CL.6, VDE 0295 CL.6

02 芯线绝缘
CORE INSULATION

聚乙烯PE/热塑性聚酯弹性体TPE
Polyethylene (PE), or Thermoplastic Elastomer(TPE)
芯线颜色：根据客户要求
Core Identification: Wire identification by colour

03 绞合
CABLING

分对绞合+填充+包带
Pairs twisted in layer with fillers in foil

04 总屏蔽
SHIELD

镀锡铜丝，密度>85%
Shield braiding of tinned copper wires, covering > 85 %

05 护套
JACKET

聚氯乙烯PVC/聚氨酯弹性体PUR
Polyvinylchloride (PVC) ,or Polyurethan(PUR)
护套颜色：绿色 RAL 6018
Jacket Color: Green acc. to RAL 6018

技术参数

额定电压	30V
测试电压	0.5kV 50Hz AC，芯-屏蔽
温度范围	-5℃~+80℃（移动安装）
弯曲半径	≥10倍电缆外径（移动安装）
弯曲寿命	1000万次
扭转	如对此有特殊要求，请联系我们技术部门

TECHNICAL DATA

Nominal voltage	30V
Test voltage	0.5kV 50Hz AC, core-shield
Temperature range	-5℃~+80℃ (flexible installation)
Bending Radius	≥ 10D (flexible installation)
Bendings	10.000.000 cycles
Torsion	If necessary, Please contact our technical department

性能特征 SPECIAL FEATURES



电缆符合UL758、UL1581规范要求
Cables comply with UL758、UL1581



高柔性，可应用移动场合
High endurance for trailing applicable



优异的EMC性能
Very good EMC performance



耐油性能满足UL1581，VDE 472-803 Part B
Oil resistant acc. To UL1581，VDE 472-803 Part B



阻燃等级满足IEC 60332-1，UL VW-1
Flame retardant and self-extinguishing acc. To IEC 60332-1, UL VW-1



产品符合RoHS、Reach环保要求
Cables comply with RoHS、Reach environmental requirements

标准规格 STANDARD

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