

耐热性	★★★
耐油性	★★
阻燃性	★★★★
柔软性	★★★★
U字拖链	★★★★★
耐扭转性	★★★
耐弯折性	★★★

TLM/20276 LF

适用于拖链、设备连接等

※特性只作为估计参考值。

>特征

- UL、cUL共用机器人电缆
- UL VW-1, cUL FT1 阻燃对应
- 耐热高柔性聚氯乙烯护套材料
- 适用于中低速移动拖链
- 符合欧盟RoHS指令要求

Features

- Robot cable with UL and cUL
- Flame rating: UL VW-1, cUL FT1
- Heat resistant, high flexible PVC sheath
- Suitable for medium and low-speed moving cable carrier
- RoHS compliant

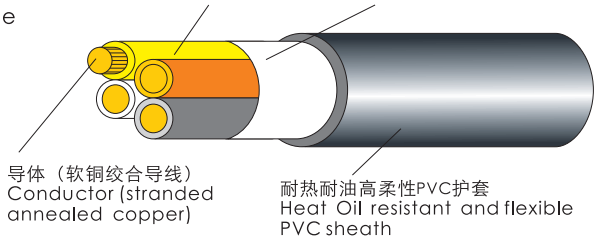
>构造图 Construction figure

- 多芯电缆/multi core cable



耐热PVC绝缘体
Heat resistant PVC Insulation

包带
Tape



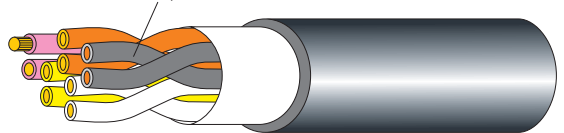
导体 (软铜绞合导线)
Conductor (stranded annealed copper)

耐热耐油高柔性PVC护套
Heat Oil resistant and flexible PVC sheath

- 多对电缆/multi pair cable



对绞
Twist pair



>表面印字 Surface Marking



※File No. UL工厂认证代码

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>构造表 Construction table

线芯数 NO. of cores	导体Conductor			耐热PVC绝缘体 Heat resistant PVC Insulation		耐热耐油高柔性PVC护套 Heat Oil resistant and flexible PVC sheath		电气特性 Electrical Characteristics			概算重量 Approx. weight (kg/km)	许容电流 Allowable ampacity (A)
	尺寸 Size	尺寸 Size	外径 Outside diameter	厚度 Thickness	外径 Overall diameter	厚度 Thickness	外径 Overall diameter	导体直流电阻 Conductor resistance	绝缘电阻 Insulation resistance	耐压 Electrical strength		
	(mm)	(AWG)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km20°C)	(MΩkm20°C)	(V/1min.)		
1P						1.0	4.0				20	4.0
3C						1.0	4.2				24	3.4
2P						1.0	5.3				36	3.3
3P						1.0	5.5				37	2.7
4P						1.1	5.9				44	2.4
5P	0.128	26AWG	0.51	0.22	0.95	1.1	6.6	124	10	500	55	2.3
6P						1.1	7.1				64	2.2
7P						1.1	7.5				71	2.1
8P						1.2	8				81	2.0
10P						1.2	9.2				105	1.9
15P						1.2	9.9				126	1.6
1P						1.0	4.3				23	5.0
3C						1.0	4.5				28	4.2
2P						1.1	5.7				41	4.0
3P						1.1	6.2				51	3.4
4P						1.1	6.7				57	3.1
5P	0.204	24AWG	0.59	0.25	1.09	1.1	7.2	87.6	10	500	67	2.8
6P						1.1	7.7				78	2.7
7P						1.2	8.5				93	2.6
8P						1.2	9				104	2.5
10P						1.2	10.2				130	2.3
15P						1.3	11				157	2.0
2C						1.0	4.6				30	6.5
3C						1.0	4.8				33	5.4
4C						1.0	5.2				40	4.9
5C						1.1	5.5				46	4.5
6C						1.1	5.9				53	4.3
8C	0.324	22AWG	0.75	0.25	1.37	1.1	6.9	55.4	10	500	71	3.9
10C						1.2	7.6				87	3.7
12C						1.2	7.5				90	3.3
16C						1.2	8.2				111	3.0
20C						1.2	9.2				142	2.8
2C						1.0	5.3				41	8.8
3C						1.0	5.5				45	7.4
4C						1.1	5.9				54	6.6
5C						1.1	6.6				68	6.2
6C						1.1	7.0				78	5.8
8C	0.518	20AWG	0.96	0.3	1.56	1.2	8	34.4	10	500	101	5.3
10C						1.2	9.2				131	5.1
12C						1.2	9				134	4.6
16C						1.2	9.9				171	4.2
20C						1.3	10.8				208	4

中低速移动用系列

TLM/20276 LF



>许容电流 Allowable ampacity

- 本表格中许容电流是指环境温度为30℃、空气中单根布线时的许容电流。
 - 许容电流值是参照JCS0168标准计算得出的参考值。
 - 周围温度补偿系数参见下表。
 - The allowable ampacity of this catalog is a value at one in the air construction and the ambient temperature 30°C.
 - Allowable ampacity is calculated based on JCS0168.
 - Please multiply the following correction coefficient by the ambient temperature.
- 电流减少系数(周围温度) /Adjustment factors(at ambient temperature)

周围温度 Ambient temperature (°C)	30	40	50	60	70	80	90	100
电流减少系数 Adjustment factors	1.00	0.87	0.71	0.5	-	-	-	-