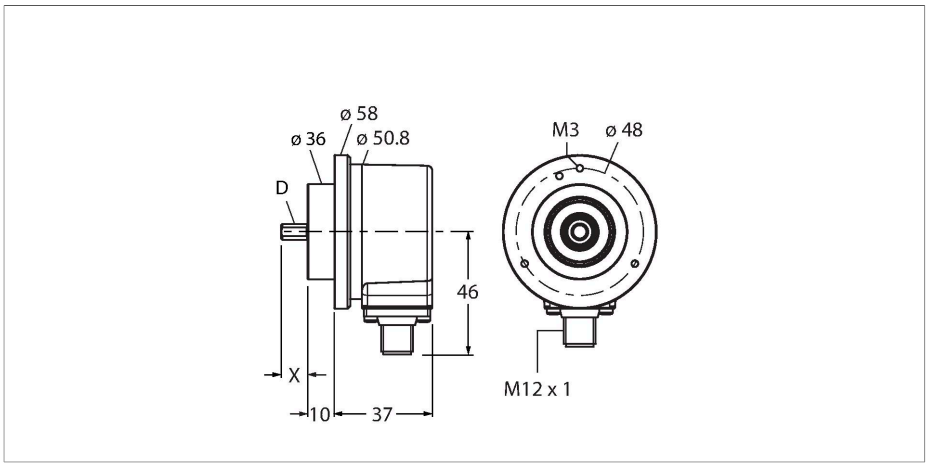
REI-10S10C-4B4096-H1181
增量型编码器
工业线

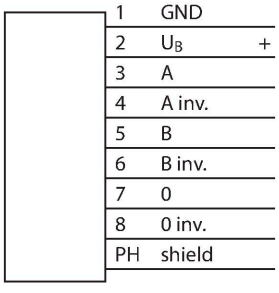


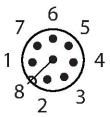
技术数据

型号	REI-10S10C-4B4096-H1181
货号	100010268
测量原理	光电式
常用数据	
最大转速	6000 rpm
转动惯量	1.8 × 10^{-6} kgm²
起始扭矩	< 0.05 Nm
输出类型	增量型
分辨率，增量型	4096 ppr
电气数据	
工作电压U_B	5…30 VDC
空载电流	≤ 90 mA
输出电流	≤ 20 mA
短路保护	是
断线/反极性保护	是
最大脉冲频率	300 kHz
信号高电平	最小 2.5 V
信号低电平	最大0.5 V
输出性能	RS422/TTL, 带反相信号
机械数据	
法兰类型	夹紧法兰
法兰直径	Ø 58 mm
轴型	轴型
轴径D (mm)	10
波长L[mm]	20
轴材质	不锈钢

特点

- 夹紧法兰，Ø 58 mm
- 实心轴，Ø 10 mm × 20 mm
- 光学测量原理
- 轴材质：不锈钢
- 防护等级IP67（外壳和轴端）
- -40…+85 °C
- 最大6000 rpm（持续工作3000 rpm）
- 5…30 VDC
- RS422/TTL，带反相信号
- 最大脉冲频率300 kHz
- M12 × 1公头，8针
- 每转脉冲数为4096





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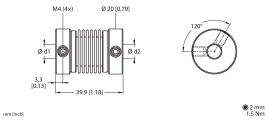
技术数据

外壳材料	镀锌膜
电气连接	接插件, M12 × 1
	8-针
轴轴向负载能力	50 N
轴径向负载能力	100 N
环境条件	
工作温度	-40…+85 °C
抗震动性(EN 60068-2-6)	300 m/s² , 10…2000 Hz
抗冲击性(EN 60068-2-27)	3000 m/s² , 6 ms
防护等级	IP67
防护等级 (轴型 / 轴套)	IP67

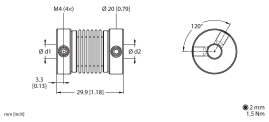
附件

RA-BC-20-06-10 100048779



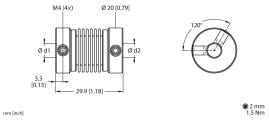
带铝制轮毂的波纹管联轴器Ø 20 mm ; d1 = 6 mm , d2 = 10 mm

RA-BC-20-08-10 100048781



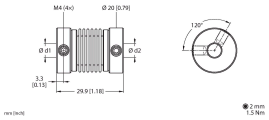
带铝制轮毂的波纹管联轴器Ø 20 mm ; d1 = 8 mm , d2 = 10 mm

RA-BC-20-10-10 100048782



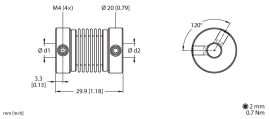
带铝制轮毂的波纹管联轴器Ø 20 mm ; d1 = 10 mm , d2 = 10 mm

RA-BC-20-10-12 100048783



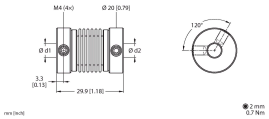
带铝制轮毂的波纹管联轴器Ø 20 mm ; d1 = 10 mm , d2 = 12 mm

RA-BC-E-20-06-10 100048786



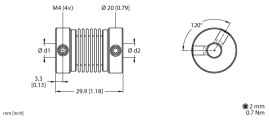
不锈钢波纹管联轴器Ø 20 mm ; d1 = 6 mm , d2 = 10 mm

RA-BC-E-20-10-10 100048787



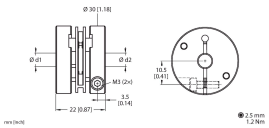
不锈钢波纹管联轴器Ø 20 mm ; d1 = 10 mm , d2 = 10 mm

RA-BC-E-20-10-12 100048788



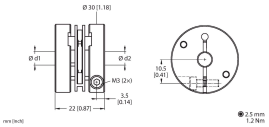
不锈钢波纹管联轴器Ø 20 mm ; d1 = 10 mm , d2 = 12 mm

RA-SDC-30-10-10 100048792



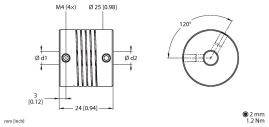
弹性盘联轴器Ø 30 mm , d1 = 10 mm , d2 = 10 mm

RA-SDC-30-10-12 100048793



弹性盘联轴器Ø 30 mm , d1 = 10 mm , d2 = 12 mm

RA-HC-25-10-10 100048796



铝制螺旋联轴器Ø 25 mm ; d1 = 10 mm , d2 = 10 mm

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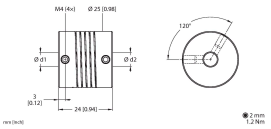
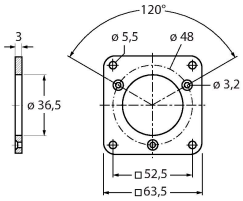
RA-HC-25-10-12 100048797



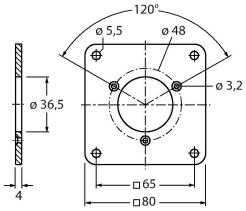
铝制螺旋联轴器Ø 25 mm；d1 = 10 mm，d2 = 12 mm

RFA-2 1544631



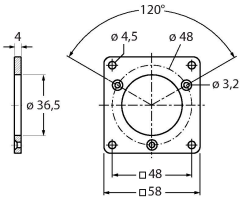
63,5mm（3mm厚）方型铝制，夹紧法兰，轴型编码器

RFA-13 1544642



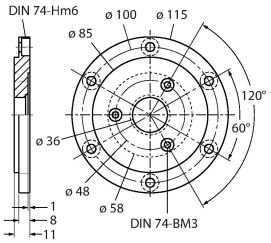
80 mm（4 mm厚）方型铝制，夹紧法兰，轴型编码器

RFA-1 1544630



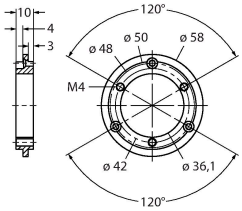
58 mm（4 mm厚）方型铝制，夹紧法兰，轴型编码器

RFA-4 1544633



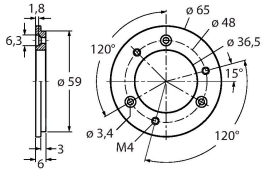
Euro 法兰,铝制,轴型编码器,Ø 115 mm;安装孔分度圆直径100mm,58mm夹紧法兰

RFA-6 1544635



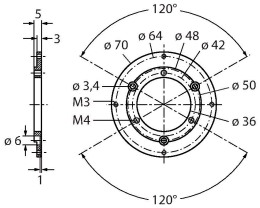
铝制法兰，轴型夹紧法兰，Ø 58 mm;适配夹紧法兰,同步法兰

RFA-7 1544636



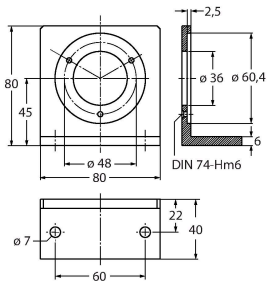
铝制轴型法兰,Ø 65 mm; Ø 65 mm法兰适合安装孔分度圆直径48mm

RFA-8 1544637



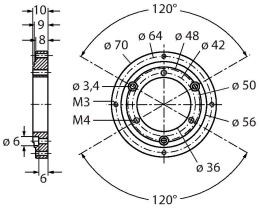
铝制法兰，轴型夹紧法兰，Ø 70 mm;厚4 mm，适配Ø 70 mm法兰

RFA-9 1544638



Ø 58 mm轴型铝制夹紧法兰

RFA-11 1544640



铝制法兰，轴型夹紧法兰，Ø 70 mm;厚10 mm，适配Ø 70 mm法兰

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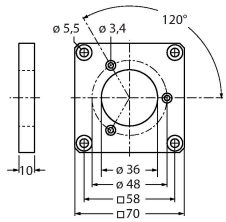
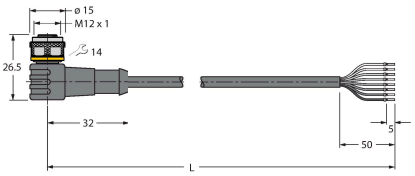
RFA-12	1544641

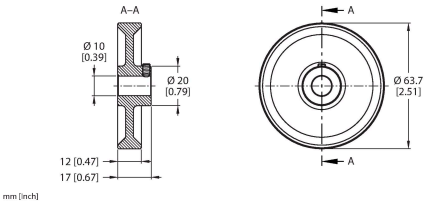
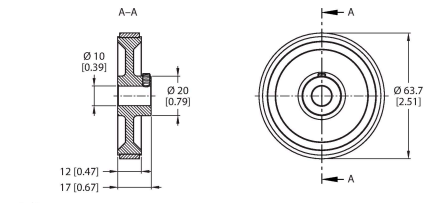
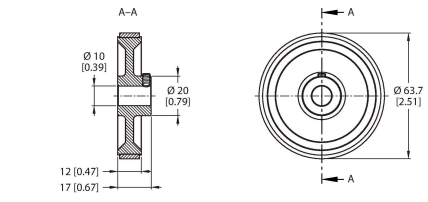
70 mm（10 mm厚）方型铝制，夹紧法兰，轴型编码器



附件

尺寸图	型号	货号	
	RKC8T-2/TXL	6625142	连接线缆，M12母头接插件，直式8针，线缆长度2 m，护套材质PUR，黑色；cULus认证
	WKC8T-2/TXL	6625145	连接线缆，M12母头接插件，弯式8针，线缆长度2 m，护套材质PUR，黑色；cULus认证
			

附件

尺寸图	型号	货号	
	RA-MW-200-12-DK1-10	100038302	用于编码器的铝制测量轮（网状滚花）；周长0.2 m，宽度12 mm，深度=10 mm
			
	RA-MW-200-12-PS1-10	100038303	用于编码器的铝制测量轮（光面PU材质）；周长0.2 m，宽度12 mm，深度=10 mm
			
	RA-MW-200-12-RT1-10	100038304	用于编码器的铝制测量轮（颗粒面PU材质）；周长0.2 m，宽度12 mm，深度=10 mm
			

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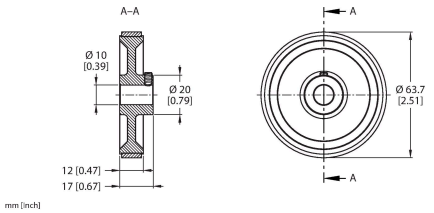
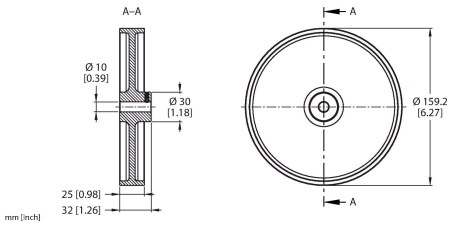
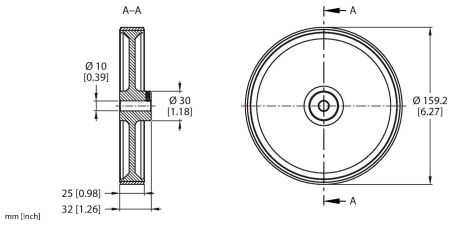
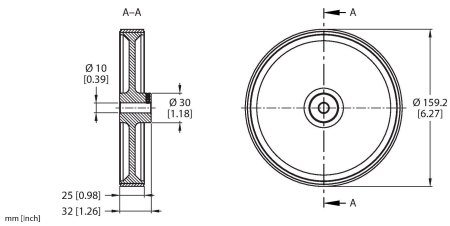
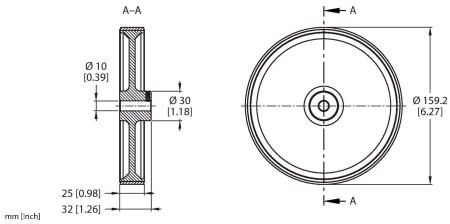
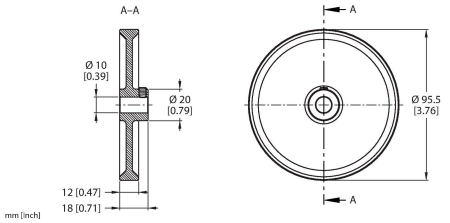
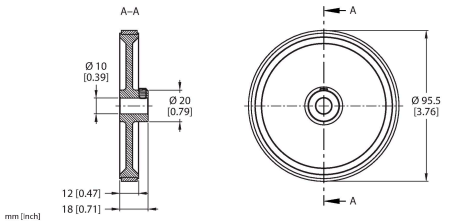
尺寸图	型号	货号	
	RA-MW-200-12-PC1-10	100038305	用于编码器的铝制测量轮（开槽PU材质）；周长0.2 m，宽度12 mm，深度 = 10 mm
	RA-MW-500-25-DK1-10	100038314	用于编码器的铝制测量轮（网状滚花）；周长0.5 m，宽度25 mm，深度= 10 mm
	RA-MW-500-25-PS1-10	100038315	用于编码器的铝制测量轮（光面PU材质）；周长0.5 m，宽度25 mm，深度= 10 mm
	RA-MW-500-25-RT1-10	100038316	用于编码器的铝制测量轮（颗粒面PU材质）；周长0.5 m，宽度25 mm，深度= 10 mm
	RA-MW-500-25-PC1-10	100038317	用于编码器的铝制测量轮（开槽PU材质）；周长0.5 m，宽度25 mm，深度= 10 mm
	RA-MW-300-12-DK1-10	100038306	用于编码器的铝制测量轮（网状滚花）；周长0.3 m，宽度12 mm，深度 = 10 mm
	RA-MW-300-12-PS1-10	100038307	用于编码器的铝制测量轮（光面PU材质）；周长0.3 m，宽度12 mm，深度 = 10 mm

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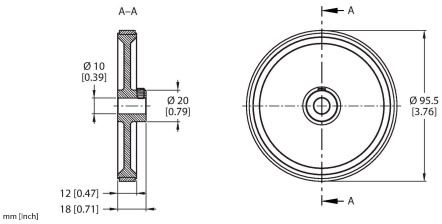
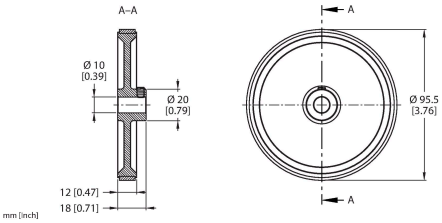
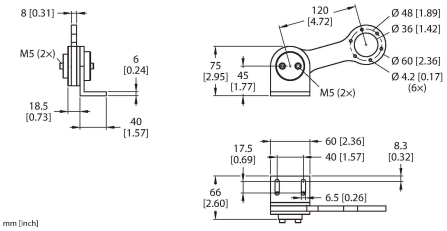
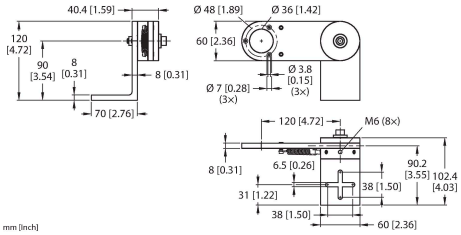
尺寸图	型号	货号	
	RA-MW-300-12-RT1-10	100038308	用于编码器的铝制测量轮（颗粒面PU材质）；周长0.3 m，宽度12 mm，深度 = 10 mm
	RA-MW-300-12-PC1-10	100038309	用于编码器的铝制测量轮（开槽PU材质）；周长0.3 m，宽度12 mm，深度 = 10 mm
	RA-SAB-15-36	100038251	编码器弹簧臂（带58 mm法兰）；建议接触压力15 N；最大接触压力30 N
	RA-SAB-30-36	100038294	编码器弹簧臂（带58 mm法兰）；建议接触压力30 N；最大接触压力40 N