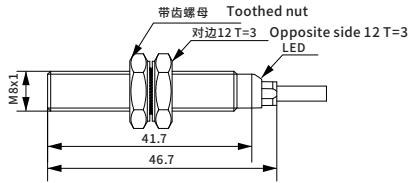
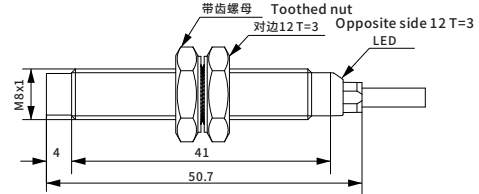
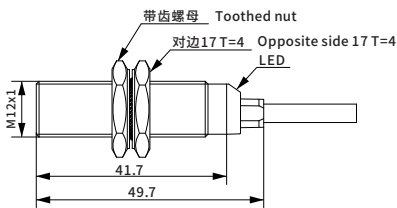
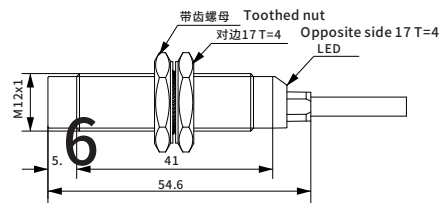
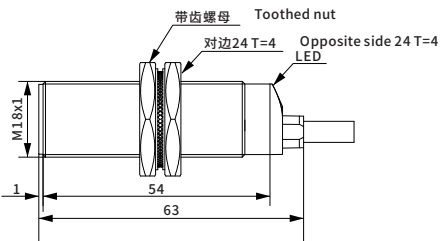


## 电缆式 Cable Type

 增强距离-DLL系列  
Enhanced Distance-DLL Series


型号 Model							
NPN常开 NPN normally open		DLL-F08-02[N <sub>O</sub> ]	DLL-F12-04[N <sub>O</sub> ]	DLL-F18-08[N <sub>O</sub> ]	DLL-N08-04[N <sub>O</sub> ]	DLL-N12-08[N <sub>O</sub> ]	DLL-N18-16[N <sub>O</sub> ]
其他 Other		[N <sub>O</sub> ]:NPN 常开 [N <sub>O</sub> ]:NPN Normally Open		[N <sub>C</sub> ]:NPN 常闭 [N <sub>C</sub> ]:NPN Normally Closed		[P <sub>O</sub> ]:PNP 常开 [P <sub>O</sub> ]:PNP Normally Open	
						[P <sub>C</sub> ]:PNP 常闭 [P <sub>C</sub> ]:PNP Normally Closed	
基本特点 Basic Features							
工作原理 Working principle		电感式传感器 Inductive Sensors					
外壳样式 Enclosure style		圆柱形 Cylindrical					
安装方式 Installation		齐平 Flush			非齐平 Non-flush		
检测距离 Detection distance		2.0mm±10%	4.0mm±10%	8.0mm±10%	4.0mm±10%	8.0mm±10%	16mm±10%
螺纹规格 Thread specification		M8	M12	M18	M8	M12	M18
感应面材质 Sensing surface material		PBT					
检测物 Detection		金属感应物 Metal sensor					
指示灯 Light		运行状态: LED Operating status: LED					
检测距离调节 Detection distance adjustment		无 None					
电气数据 Electrical Data							
开关模式 Switch mode		NO: 常开, NC: 常闭 NO: Normally Open, NC: Normally Closed					
输出模式 Output mode		NPN或PNP集电极开路 NPN or PNP open collector					
外部输入 External input		无 None					
开关频率 Switching frequency		1.0kHz	0.3kHz	0.5kHz	0.8kHz	0.5kHz	0.15kHz
重复精度 Repeatability		1%	5%	1%	5%		1%
迟滞(回差/应差) Hysteresis(Return/Response)		≤15%					
工作电压 Operating voltage		10~30V DC ±10%					
消耗电流 Current consumption		≤10mA					
残余电压 Residual voltage		≤2.0V					
负载电流 Load current		150mA					
漏电流 Leakage current		<0.01mA					
绝缘电阻 Insulation resistance		电源端子与外壳之间 ≥50MΩ (500VDC) Between power terminal and housing ≥50MΩ (500VDC)					
耐压 Resistance		1000VAC (50/60Hz), 1分钟电源端子和外壳之间 1000VAC (50/60Hz), 1 minute between power terminals and case					
抗振性 Vibration resistance		10~55Hz, 振幅1.5mm, X/Y/Z轴, 各2小时 10~55Hz, amplitude 1.5mm, X/Y/Z axis, 2 hours each					
保护电路 Protection circuits		短路保护 Short-circuit protection					
环境条件 Environmental Conditions							
工作环境温度 Operating ambient temperature		-25~+75°C					
工作环境湿度 Humidity of the working environment		35~85%					
防护等级 Ingress protection		IP67					
机械数据 Mechanical Data							
连接方式 Connection		2m/3线电缆 2m/3-wire cable					
尺寸 Size		M8x46.7mm	M12x49.7mm	M18x63.0mm	M8x50.7mm	M12x54.6mm	M18x63.1mm
材料 Material		不锈钢+PBT Stainless steel + PBT	镍铜合金+PBT Nickel copper alloy + PBT		不锈钢+PBT Stainless steel + PBT	镍铜合金+PBT Nickel copper alloy + PBT	
重量 Weight		0.012kg	0.05kg	0.08kg	0.012kg	0.05kg	0.08kg
配件 Fittings		螺母 M8x1 Nut M8x1	螺母 M12x1 Nut M12x1	螺母 M18x1 Nut M18x1	螺母 M8x1 Nut M8x1	螺母 M12x1 Nut M12x1	螺母 M18x1 Nut M18x1

## 电缆式尺寸规格 Cable type size specifications

**M8**
**DLL-F08-02□□**

**DLL-N08-04□□**

**M12**
**DLL-F12-04□□**

**DLL-N12-08□□**

**M18**
**DLL-F18-08□□**

**DLL-N18-16□□**
