

## 树脂外壳 Resin shell

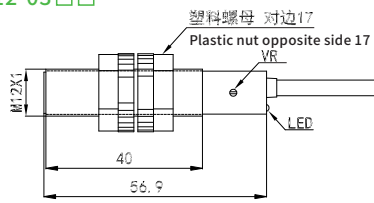
 圆柱型-DCK系列  
Cylindrical-DCK series


型号 Model		DCK-F12-03 <input type="checkbox"/> NO		DCK-F18-08 <input type="checkbox"/> NO	
NPN常开 NPN normally open					
其他 Other		<input type="checkbox"/> NO: NPN 常开 <input type="checkbox"/> NO: NPN Normally Open	<input type="checkbox"/> NC: NPN 常闭 <input type="checkbox"/> NC: NPN Normally Closed	<input type="checkbox"/> PO: PNP 常开 <input type="checkbox"/> PO: PNP Normally Open	<input type="checkbox"/> PC: PNP 常闭 <input type="checkbox"/> PC: 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			
检测距离 Detection distance		3.0mm		8.0mm	
螺纹规格 Thread specification		M12		M18	
感应面材质 Sensing surface material		PBT			
检测物 Detection		金属, 液体, 粉末, 木材, 纸张, 塑料等材料 Metal, liquid powder, wood, paper, plastic and other materials			
指示灯 Light		运行状态: LED Operating status: LED			
检测距离调节 Detection distance adjustment		有 Have			
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		0.1kHz			
重复精度 Repeatability		5%			
迟滞 (回差/应差) Hysteresis (Return/Response)		15%			
工作电压 Operating voltage		10~30VDC ±10%			
消耗电流 Current consumption		≤10mA			
残余电压 Residual voltage		≤2V			
负载电流 Load current		150mA		300mA	
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		M12x56.9mm		M18x72.5mm	
材料 Material		PBT			
重量 Weight		0.05kg		0.08kg	
配件 Fittings		螺母 M12x1.0 Nut M12x1.0		螺母 M18x1.0 Nut M18x1.0	

## 尺寸规格 Dimensions

M12

DCK-F12-03□□



M18

DCK-F18-08□□

