

## 电缆式 Cable Type

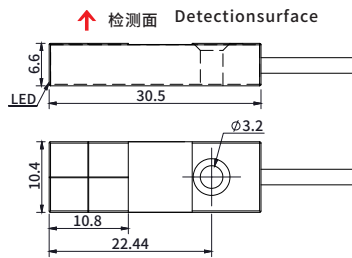
 微小方型-DLE系列  
 Tiny Square-DLE Series


型号 Model		DLE-N10-2.5 <input type="checkbox"/> NO		DLE-N10-04 <input type="checkbox"/> NO		DLE-N12-04 <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		迷你块 Mini Blocks					
安装方式 Installation		非齐平 Non-flush					
检测距离 Detection distance		2.5mm±10%		4.0mm±10%			
螺纹规格 Thread specification		/					
感应面材质 Sensing surface material		PC					
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		0.8kHz		0.2kHz			
重复精度 Repeatability		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		≤1.5V					
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		30.5x10.4x6.6mm		30.5x12.4x8mm			
材料 Material		塑料+PC Plastic+PC					
重量 Weight		0.05kg					
配件 Fittings		/					

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

E10

DLE-N10-2.5/04 □□



E12

DLE-N12-04 □□

