

通用短外壳 Universal short housing

 短外壳-DLS系列
Short Shell-DLS Series


型号 Model	
NPN常开 NPN normally open	DLS-N08-04 NO
其他 Other	NO:NPN 常开 NC:NPN 常闭 PO:PNP 常开 PC:PNP 常闭 NO:NPN Normally Open NC:NPN Normally Closed PO:PNP Normally Open 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	非齐平 Non-flush
检测距离 Detection distance	2.0mm/4.0mm±0%
螺纹规格 Thread specification	M8
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	2kHz/1kHz
重复精度 Repeatability	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	M8x35.0mm
材料 Material	不锈钢+PBT Stainless steel + PBT
重量 Weight	0.012kg
配件 Fittings	螺母 M8x1.0 Nut M8x1.0

通用短外壳尺寸规格 Universal short shell dimensions

M8

DLS-N08-04 □□

