



I1245系列电感式接近开关

外形长度 L=45; L=68

感应距离 S_n : 2mm、4mm; 4mm、8mm

安装 齐平; 非齐平

工作电压 10...30VDC

输出电路 NPN NO、NPN NC、PNP NO、PNP NC

连接 Cable,3-wire,2m

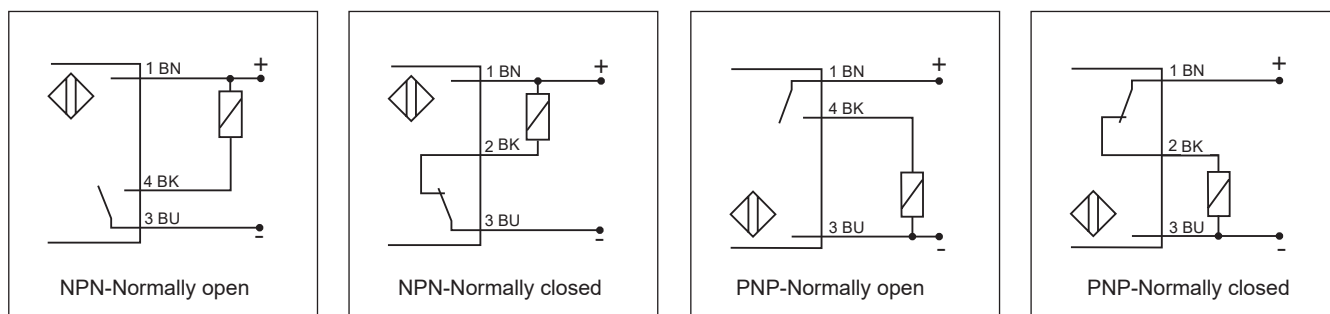
工作温度 -25°C—70°C

防护等级 IP67

一般规格

安装方式	齐平; 非齐平
检测距离 (mm)	2±10%、4±10%; 4±10%、8±10%
设定距离	0~1.6mm; 0~3.2mm; 0~3.24mm; 0~6.48mm
回差范围	检测距离的1-15%
重复精度	小于检测距离的3%
响应频率	1500Hz; 1000Hz
标准检测体	12×12×1t的FE360钢板
温度的影响	温度范围-25°C~70°C, +23°C时检测距离的±10%以内
电源电压 (使用电压范围)	DC12-24V 脉动(p-p)10%以下(DC10-30V)
消费电流	< 15mA
电压的影响	<3%以下
残留电压	2.5V以下 (负载电流200mA及导线长2m时)
负载电流	<200mA
回路保护	逆向连接保护 输出短路保护 (200mA以上) 浪涌吸收
显示灯	红色LED
泄漏电流	100uA以下
连接方式	导线引出型 (标准导线长 2m) / M12接插件
环境温度	使用时及保存时: 各-25°C~70°C
环境湿度	使用时及保存时: 35~95%
振动 (耐久)	10~50Hz上下振幅1.5mm X,Y,Z各向2H
耐电压	1000VAC,50/60Hz 1min充电部整体与外壳间
绝缘电阻	500MΩ以上 (DC500V摇表) 充电部整体与外壳间
保护结构	IEC规格 IP67
外壳	黄铜镀镍
检测面	PBT

接线图



订货信息

I	12	45	N	4	NO	/	M12	XXXX
①	②	③	④	⑤	⑥		⑦	⑧

① 电感式传感器

② 外形尺寸
12: 直径 12mm

③ 外形尺寸
45: L=45 (直接出线形式)
68: L=68 (M12接插件形式)

④ 安装方式
F: 齐平
N: 非齐平

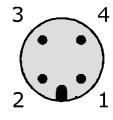
⑤ 感应距离
F 齐平
2: 2mm
4: 4mm
N 非齐平
4: 4mm
8: 8mm

⑥ 输出方式
NO: NPN.NO
NC: NPN.NC
PO: PNP.PO
PC: PNP.PC

⑦ 连接方式
无: 2M cable
Ax: xM 电缆线
M12: Connector M12, 4-pin

⑧ 特殊代码
XXXX

附件

CM123A-2U	2米		
CM123A-5U	5米		
CM123A-10U	10米		
CM124R-2U	2米		
CM124R-5U	5米		
CM124R-10U	10米		

产品选择

型号	规格	产品长度	感应距离	工作电压	安装方式	输出信号	连接方式
I1245N4NO	M12	L=45	4mm	10...30VDC	 Non-flush	NPN.NO	Cable,3-wire,2m
I1245N4NC	M12	L=45	4mm	10...30VDC	 Non-flush	NPN.NC	Cable,3-wire,2m
I1245N4PO	M12	L=45	4mm	10...30VDC	 Non-flush	PNP.NO	Cable,3-wire,2m
I1245N4PC	M12	L=45	4mm	10...30VDC	 Non-flush	PNP.NC	Cable,3-wire,2m
I1245N8NO	M12	L=45	8mm	10...30VDC	 Non-flush	NPN.NO	Cable,3-wire,2m
I1245N8NC	M12	L=45	8mm	10...30VDC	 Non-flush	NPN.NC	Cable,3-wire,2m
I1245N8PO	M12	L=45	8mm	10...30VDC	 Non-flush	PNP.NO	Cable,3-wire,2m
I1245N8PC	M12	L=45	8mm	10...30VDC	 Non-flush	PNP.NC	Cable,3-wire,2m

产品选择

型号	规格	产品长度	感应距离	工作电压	安装方式	输出信号	连接方式
I1245F2NO	M12	L=45	2mm	10...30VDC	flush	NPN.NO	Cable,3-wire,2m
I1245F2NC	M12	L=45	2mm	10...30VDC	flush	NPN.NC	Cable,3-wire,2m
I1245F2PO	M12	L=45	2mm	10...30VDC	flush	PNP.NO	Cable,3-wire,2m
I1245F2PC	M12	L=45	2mm	10...30VDC	flush	PNP.NC	Cable,3-wire,2m
I1245F4NO	M12	L=45	4mm	10...30VDC	flush	NPN.NO	Cable,3-wire,2m
I1245F4NC	M12	L=45	4mm	10...30VDC	flush	NPN.NC	Cable,3-wire,2m
I1245F4PO	M12	L=45	4mm	10...30VDC	flush	PNP.NO	Cable,3-wire,2m
I1245F4PC	M12	L=45	4mm	10...30VDC	flush	PNP.NC	Cable,3-wire,2m
I1268N4NO/M12	M12	L=68	4mm	10...30VDC	Non-flush	NPN.NO	Connector M12, 4-pin
I1268N4NC/M12	M12	L=68	4mm	10...30VDC	Non-flush	NPN.NO	Connector M12, 4-pin
I1268N4PO/M12	M12	L=68	4mm	10...30VDC	Non-flush	NPN.NO	Connector M12, 4-pin
I1268N4PC/M12	M12	L=68	4mm	10...30VDC	Non-flush	NPN.NO	Connector M12, 4-pin
I1268N8NO/M12	M12	L=68	8mm	10...30VDC	Non-flush	NPN.NO	Connector M12, 4-pin
I1268N8NC/M12	M12	L=68	8mm	10...30VDC	Non-flush	NPN.NO	Connector M12, 4-pin
I1268N8PO/M12	M12	L=68	8mm	10...30VDC	Non-flush	NPN.NO	Connector M12, 4-pin
I1268N8PC/M12	M12	L=68	8mm	10...30VDC	Non-flush	NPN.NO	Connector M12, 4-pin
I1268F2NO/M12	M12	L=68	2mm	10...30VDC	flush	NPN.NO	Connector M12, 4-pin
I1268F2NC/M12	M12	L=68	2mm	10...30VDC	flush	NPN.NO	Connector M12, 4-pin
I1268F2PO/M12	M12	L=68	2mm	10...30VDC	flush	NPN.NO	Connector M12, 4-pin
I1268F2PC/M12	M12	L=68	2mm	10...30VDC	flush	NPN.NO	Connector M12, 4-pin
I1268F4NO/M12	M12	L=68	4mm	10...30VDC	flush	NPN.NO	Connector M12, 4-pin
I1268F4NC/M12	M12	L=68	4mm	10...30VDC	flush	NPN.NO	Connector M12, 4-pin
I1268F4PO/M12	M12	L=68	4mm	10...30VDC	flush	NPN.NO	Connector M12, 4-pin
I1268F4PC/M12	M12	L=68	4mm	10...30VDC	flush	NPN.NO	Connector M12, 4-pin

机械图

