

PROXIMITY SWITCH



结构分类 Structural category

角柱型 Angular column type

外型编号 Outward Appearance code

LMF3

LMF4

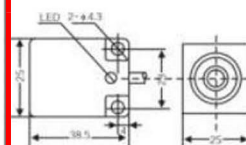
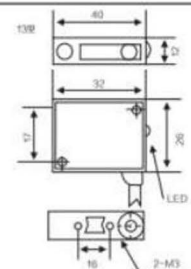
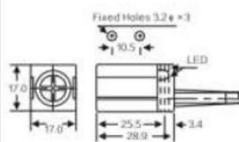
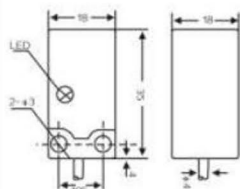
LMF5

LMF6

外形图例
OUTWARD APPEARANCE ILLUSTRATION



外形尺寸
OVERALL DIMENSIONS



检测距离 DETECTION DISTANCE

5mm

5mm

2mm

8mm

埋入式 Flush

直流
DC
10-
30
VDC

NPN

NO

LMF3-3005NA

LMF4-3005NA

LMF5-3002NA

LMF6-3008NA

NC

LMF3-3005NB

LMF4-3005NB

LMF5-3002NB

LMF6-3008NB

NO+NC

LMF4-3005NC

LMF5-3002NC

LMF6-3008NC

PNP

NO

LMF3-3005PA

LMF4-3005PA

LMF5-3002PA

LMF6-3008PA

NC

LMF3-3005PB

LMF4-3005PB

LMF5-3002PB

LMF6-3008PB

NO+NC

LMF4-3005PC

LMF5-3002PC

LMF6-3008PC

二线制
two wire
system

NO

LMF3-3005LA

LMF4-3005LA

LMF5-3002LA

LMF6-3008LA

NC

LMF3-3005LB

LMF4-3005LB

LMF5-3002LB

LMF6-3008LB

SCR
可控硅
Control-
lable
silicon

NO

LMF6-2008A

NC

LMF6-2008B

NO+NC

继电器输出 Relay output

检测距离 DETECTION DISTANCE

5mm

5mm

4mm

10mm

非埋入式 Non-Flush

直流
DC
10-
30
VDC

NPN

NO

LMF5-3004NA

LMF6-3010NA

NC

LMF5-3004NB

LMF6-3010NB

NO+NC

LMF5-3004NC

LMF6-3010NC

PNP

NO

LMF5-3004PA

LMF6-3010PA

NC

LMF5-3004PB

LMF6-3010PB

NO+NC

LMF5-3004PC

LMF6-3010PC

二线制
two wire
system

NO

LMF5-3004LA

LMF6-3010LA

NC

LMF5-3004LB

LMF6-3010LB

SCR
可控硅
Control-
lable
silicon

NO

LMF3-2005A

LMF6-2010A

NC

LMF3-2005B

LMF6-2010B

NO+NC

继电器输出 Relay output

输出电流
Control output

DC

200mA

200mA

200mA

200mA

SCR/继电器 Relay

300mA/1A

300mA

输出电压降 Output voltage drop DC/AC

直流(NPN PNP)型3V以下、二线型:3.9V以下、交流AC 10V以下 DC<3V、AC<10V

消耗电流 Consumption current

直流(NPN PNP)型DC 12V时8mA、24V时15mA、交流AC 10mA以下 DC<15mA、AC<10mA

标准检测物体 Standard detected object

20X20X1(A3铁iron)

20X20X1(A3铁iron)

15X15X1(A3铁iron)

30X30X1(A3铁iron)

重复精度 Repeated precision

0.02

0.03

0.03

0.05

响应频率 DC/AC Response frequency

400Hz/25Hz

300Hz

400Hz

200Hz/10Hz

工作环境温度 Working environment temperature

-25℃ ~ +75℃

-25℃ ~ +75℃

-25℃ ~ +75℃

-25℃ ~ +75℃

绝缘电阻 Insulation resistance

50MΩ

50MΩ

50MΩ

50MΩ

外壳材料 Shell material

ABS树脂 Resin

ABS树脂 Resin

ABS树脂 Resin

ABS树脂 Resin

防护等级 Protection grade

IP67

IP67

IP67

IP67

可替代国内型号 Alternative model at home and abroad

PS17-5PN

PS05-N、PS05-P

TL-N5ME□□