

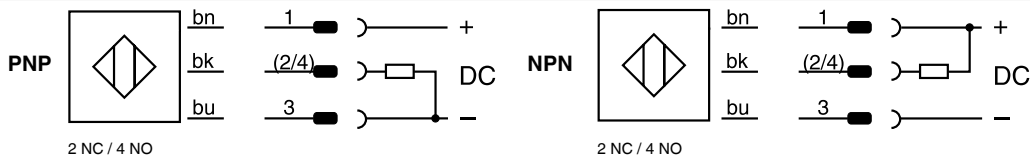
# ND25-H□-M50-□ MT-230

	<b>CE</b>	<b>Diameter</b> 直径	M50	<b>Operating distance</b> 检测距离	25 mm	<b>Mounting</b> 安装	Non-embeddable 非齐平
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TECHNICAL DATA	技术参数	
(according to IEC 60947-5-2)	(根据 IEC 60947-5-2)	
Rated operating distance $s_n$	检测距离	25 mm
Hysteresis	回滞	≤15%
Standard target	标准检测物	75×75×1mm
Repeat accuracy	重复精度	1.0 mm ( $U_B = 10 \dots 30$ VDC, $T_A = 23^\circ\text{C} \pm 5^\circ\text{C}$ )
Supply voltage range $U_B$	工作电压	10 ... 30 VDC
Output current	输出电流	≤ 200 mA
Output voltage drop	输出电压降	≤ 2V at 200 mA
No-load supply current	空载电流	≤ 5 mA
Switching frequency	开关频率	≤ 150 Hz
Time delay before availability	通电延时时间	250 msec
LED	LED指示灯	yellow
Ambient temperature range $T_A$	工作温度	0 ... + 250 °C
Temperature drift of $s_r$	温度变化 % $s_r$	≤ 15%
Short-circuit protection	短路保护	内置
Voltage reversal protection	极性反向保护	内置
Induction protection	感应保护	内置
Shocks and vibration	冲击和振动	IEC 60947-5-2 / 7.4
Degree of protection	防护等级	IP 67
EMC protection	EMC 防护	IEC 60947-5-2
Housing material	外壳材质	不锈钢 stainless steel
Sensing face material	感应面材质	LCP
MTTF (mean time to failure)	平均失效前时间	4'830'328

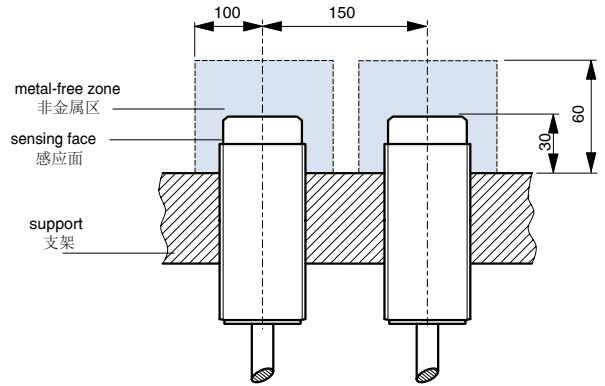
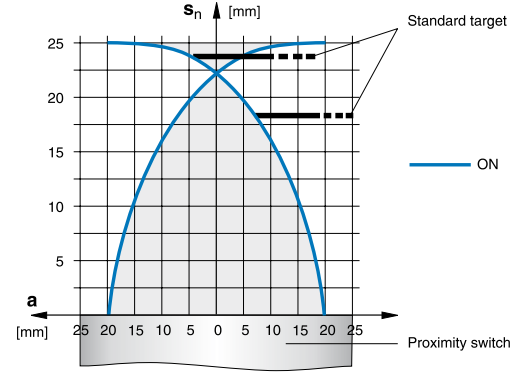
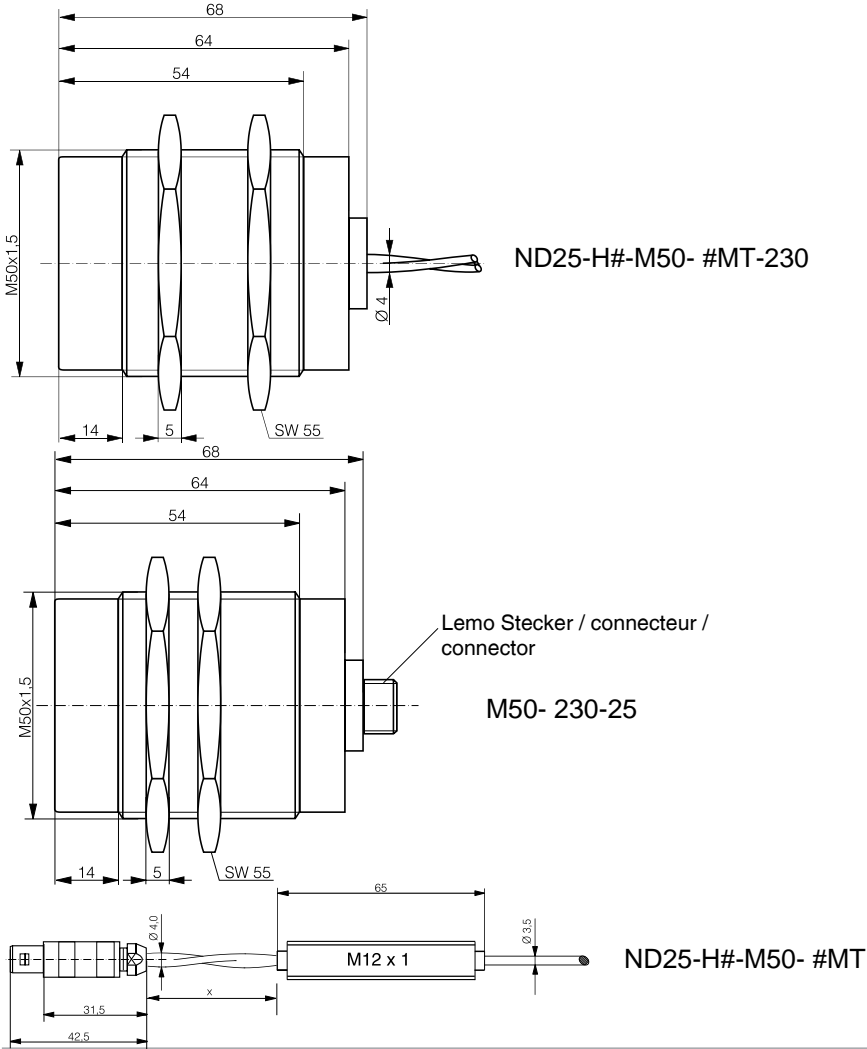
$T_A = 23^\circ\text{C} \pm 5^\circ$

### WIRING DIAGRAMS 接线图



## DIMENSIONS 尺寸图

## INSTALLATION 安装



### CORRECTION FACTORS FOR TARGET OF \* 校正系数

Steel FE 360 钢 FE 360	1.0	Copper 铜	*	Aluminum 铝	*	Brass 黄铜	*	Stainless steel V2A 不锈钢 V2A	*
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### AVAILABLE TYPES 现有产品型号

Part reference 型号	Polarity 极性	Connection 连接	Output 输出
ND25-H1-M50- 2MT-230	NPN	teflon 2m+PUR 2m	NO
ND25-H3-M50- 2MT-230	PNP	teflon 2m+PUR 2m	NO
ND25-H3-M50- 5MT-230	PNP	teflon 5m+PUR 2m	NO
ND25-H3-M50- 10MT-230	PNP	teflon 10m+PUR 2m	NO
ND25-H3-M50- 20MT-230	PNP	teflon 20m+PUR 2m	NO
M50- 230-25		LEMO connector	
ND25-H1-M50- 2MT	NPN	LEMO connector+teflon 2m+PUR2m	NO
ND25-H3-M50- 2MT	PNP	LEMO connector+teflon 2m+PUR2m	NO
ND25-H3-M50- 5MT	PNP	LEMO connector+teflon 5m+PUR2m	NO
ND25-H3-M50- 10MT	PNP	LEMO connector+teflon 10m+PUR2m	NO
ND25-H3-M50- 20MT	PNP	LEMO connector+teflon 20m+PUR2m	NO