Plastic square shape inductive sensors **LE80XZ** series



Features

- ◆ Extended sensing distance;
- ◆ASIC design, safe and reliable;
- ◆Perfect choice for metallic targt detection;

CE

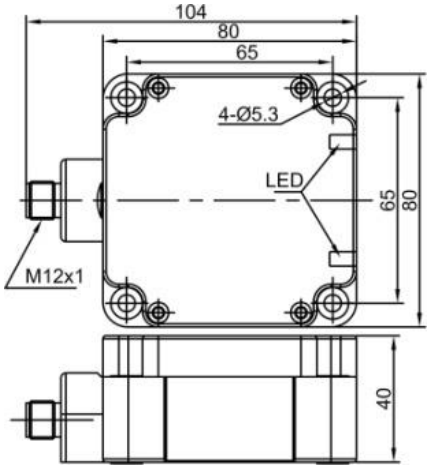
Part number

AC/DC 2wires NO	LE80XZSF50SBOY-E2	LE80XZSN70SBOY-E2	AC/DC 2wires NO/NC	LE80XZSF50SBBY-E2	LE80XZSN70SBBY-E2
AC/DC 2wires NC	LE80XZSF50SBCY-E2	LE80XZSN70SBCY-E2			

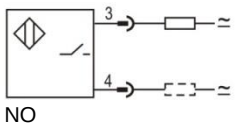
Technical specifications

Mounting	Quasi -flush	Non-flush	Leakage current [Ir]	AC:≤3mA	DC: ≤1mA
Rated distance [Sn]	50mm	70mm	Circuit protection	……	
Assured distance [Sa]	0…40mm	0…56mm	Indicator	Yellow LED	
Dimensions	40mm *80mm*104mm		Ambient temperature	-25℃…70℃	
Output	NO/NC(depends on part number)		Ambient humidity	35-95%RH	
Supply voltage	20…250V AC/DC		Switching frequency [F]	AC:20 Hz	DC: 30 Hz
Standard target	Fe 150*150*1t	Fe 210*210*1t	Voltage withstand	1000V/AC 50/60Hz 60S	
Switch-point drifts[%/Sr]	≤±10%		Insulation resistance	≥50MΩ (500VDC)	
Hysteresis range [%/Sr]	1…20%		Vibration resistance	10…50Hz (1.5mm)	
Repeat accuracy [R]	≤3%		Degree of protection	IP67	
Load current	AC:≤300mA	DC: ≤100mA	Housing material	PBT	
Residual voltage	AC:≤10V	DC: ≤8V	Connection type	M12 connector	

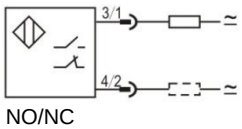
Dimensions



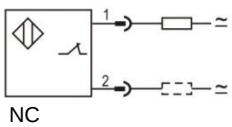
Wiring diagram



NO



NO/NC



NC

