Plastic square shape inductive sensors **LE80XZ** series



Features

- Non contact detection, safe and reliable;
- ASIC design;
- Perfect choice for metallic targets detection;

CE

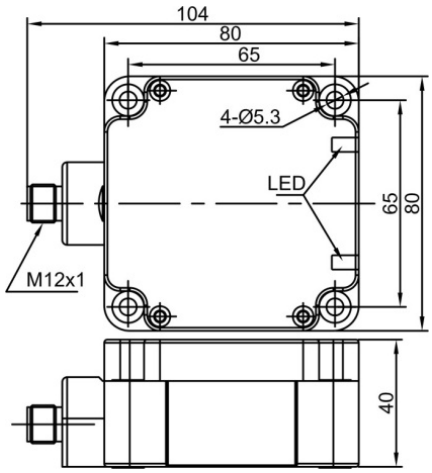
Part number

AC/DC 2 wires NO	LE80XZSF40SBO-E2	LE80XZSN50SBO-E2	AC/DC 2 wires NO/NC	LE80XZSF40SBB-E2	LE80XZSN50SBB-E2
AC/DC 2 wires NC	LE80XZSF40SBC-E2	LE80XZSN50SBC-E2			

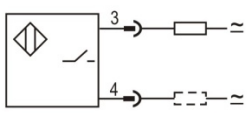
Technical specifications

Mounting	Flush	Non-flush	Leakage current [Ir]	AC:≤3mA	DC: ≤1mA
Rated distance [Sn]	40mm	50mm	Circuit protection	…	
Assured distance [Sa]	0…32mm	0…40mm	Output indicator	Power: yellow LED	Output: yellow LED
Dimensions	40*80*104 mm		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: 40 Hz	
Standard target	Fe120*120*1t	Fe 150*150*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	

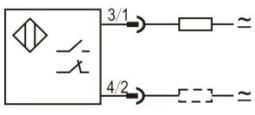
Dimensions



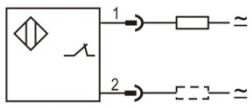
Wiring diagram



NO



NO/NC



NC

