

Plastic square shape inductive sensors **LE80XZ** series

Features

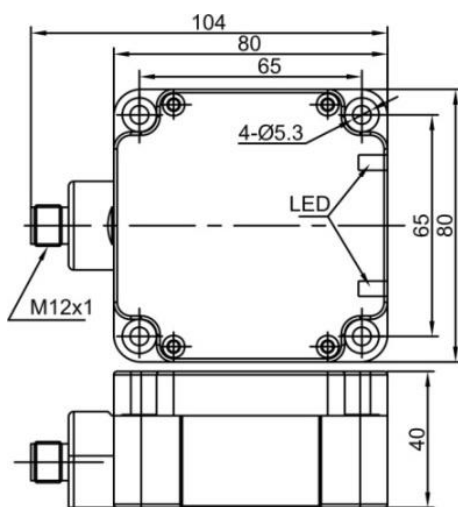
- ◆ Wider voltage range;
- ◆ Self-developed IC design, more reliable;


Part number

NPN NO	LE80XZSF40ENO-E2	LE80XZSN50ENO-E2	PNP NO	LE80XZSF40EPO-E2	LE80XZSN50EPO-E2
NPN NC	LE80XZSF40ENC-E2	LE80XZSN50ENC-E2	PNP NC	LE80XZSF40EPC-E2	LE80XZSN50EPC-E2
NPN NO+NC	LE80XZSF40ENR-E2	LE80XZSN50ENR-E2	PNP NO+NC	LE80XZSF40EPR-E2	LE80XZSN50EPR-E2

Technical specifications

Mounting	Flush	Non-flush	Current consumption	≤10mA	
Rated distance [Sn]	40mm	50mm	Circuit protection	Short-circuit, overload and reverse polarity	
Assured distance [Sa]	0...32mm 0...40mm		Output indicator	Yellow LED	
Dimensions	40*80*104mm		Ambient temperature	-25°C...70°C	
Output	NO/NC(depends on part number)		Ambient humidity	35...95%RH	
Supply voltage	10...60 VDC		Switching frequency [F]	100 Hz	50 Hz
Standard target	Fe 120*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	≤200mA		Housing material	PBT	
Residual voltage	≤2.5V		Connection type	M12 connector	

Dimensions

Wiring diagram
