

Plastic square shape inductive sensors **LE80XZ** series



Features

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



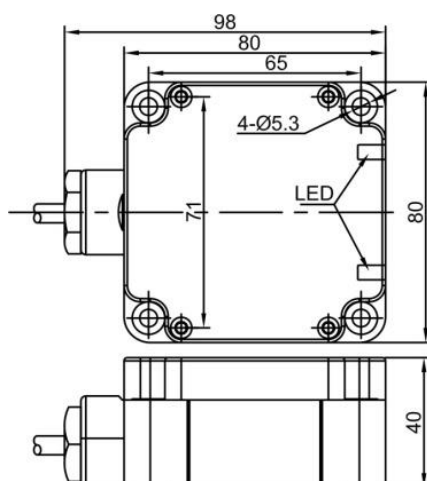
Part number

NPN NO	LE80XZSF40DNO-D	LE80XZSN50DNO-D	PNP NO	LE80XZSF40DPO-D	LE80XZSN50DPO-D
NPN NC	LE80XZSF40DNC-D	LE80XZSN50DNC-D	PNP NC	LE80XZSF40DPC-D	LE80XZSN50DPC-D
NPN NO+NC	LE80XZSF40DNR-D	LE80XZSN50DNR-D	PNP NO+NC	LE80XZSF40DPR-D	LE80XZSN50DPR-D

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 *98 mm		Ambient temperature	-25°C...70°C	
Output	NO/NC (depends on part number)		Ambient humidity	35-95%RH	
Supply voltage	10...30 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	Terminal	

Dimensions



Wiring diagram

