Plastic square shape inductive sensors **LE80XZ** series



Features

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

CE

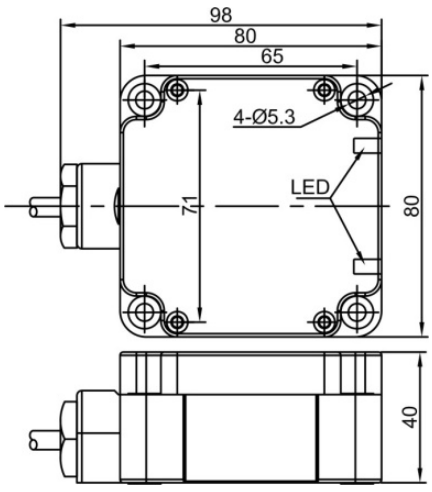
Part number

AC 2 wires	NO	LE80XZSF40ATO-D	LE80XZSN50ATO-D	AC 2 wires	NC	LE80XZSF40ATC-D	LE80XZSN50ATC-D

Technical specifications

Mounting	Flush	Non-flush	Leakage current [Ir]	≤3mA	
Rated distance [Sn]	40mm	50mm	Circuit protection	……	
Assured distance [Sa]	0…32mm	0…40mm	Output indicator	Yellow LED	
Dimensions	40*80*98 mm		Ambient temperature	-25℃…70℃	
Output	NO/NC(depends on part number)		Ambient humidity	35-95%RH	
Supply voltage	20…250V AC		Switching frequency [F]	10 Hz	10 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	⩽300mA		Housing material	PBT	
Residual voltage	⩽10V		Connection type	Terminal	

Dimensions



Wiring diagram

