Plastic square shape inductive sensors **LE25** series



Features

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

CE

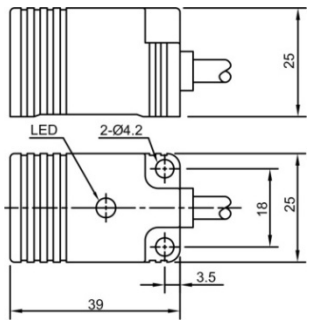
Part number

DC 2 wires NO	LE25SF07DLO	LE25SN10DLO	DC 2 wires NC	LE25SF07DLC	LE25SN10DLC

Technical specifications

Mounting	Flush	Non-flush	Leakage current [Ir]	≤1mA	
Rated distance [Sn]	7mm	10mm	Circuit protection	Short-circuit, overload and reverse polarity	
Assured distance [Sa]	0…5.6mm	0…8mm	Output indicator	Yellow LED	
Dimensions	25*25*39mm		Ambient temperature	-25℃…70℃	
Output	NO/NC(depends on part number)		Ambient humidity	35-95%RH	
Supply voltage	10…30 VDC		Switching frequency [F]	500 Hz	300 Hz
Standard target	Fe 25*25*1tFe 30*30*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	⩽100mA		Housing material	PBT	
Residual voltage	⩽8V		Connection type	2m PVC cable	

Dimensions



Wiring diagram

