Plastic square shape inductive sensors **LE40SZ** series



Features

- ◆ Extended sensing distance;
- ◆ASIC design, safe and reliable;
- ◆Perfect choice for metallic targt detection;
- ◆ Wide voltage range;

CE

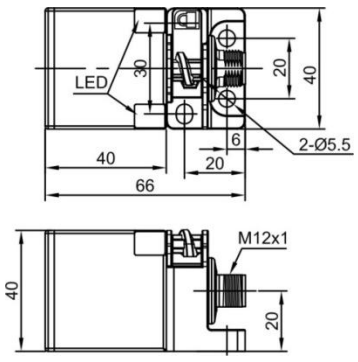
Part number

DC 2 wiresNO	LE40SZSF20ELOY-E2	LE40SZSN40ELOY-E2
DC 2 wiresNC	LE40SZSF20ELCY-E2	LE40SZSN40ELCY-E2

Technical specifications

Mounting	Quasi -flush	Non-flush	Leakage current [Ir]	≤1mA	
Rated distance [Sn]	20mm	40mm	Circuit protection	Short-circuit, overload, and reverse polarity	
Assured distance [Sa]	0…16mm	0…32mm	Output indicator	Yellow LED	
Dimensions	40mm*40mm*66mm		Ambient temperature	-25℃…70℃	
Output	NO/NC(depends on part number)		Ambient humidity	35-95%RH	
Supply voltage	10…60 VDC		Switching frequency [F]	200 Hz	100 Hz
Standard target	Fe 75*75*1t	Fe 120*120*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	⩽6V		Connection type	M12 connector	

Dimensions



Wiring diagram

