Plastic square shape inductive sensors **LE40XZ** series



Features

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

CE

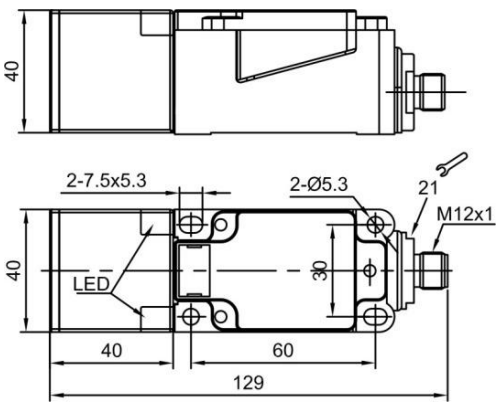
Part number

NPN	NO	LE40XZSF20DNOY-E2	LE40XZSN40DNOY-E2	PNP	NO	LE40XZSF20DPOY-E2	LE40XZSN40DPOY-E2
NPN	NC	LE40XZSF20DNCY-E2	LE40XZSN40DNCY-E2	PNP	NC	LE40XZSF20DPCY-E2	LE40XZSN40DPCY-E2
NPN	NO+NC	LE40XZSF20DNRY-E2	LE40XZSN40DNRY-E2	PNP	NO+NC	LE40XZSF20DPRY-E2	LE40XZSN40DPRY-E2

Technical specifications

Mounting	Quasi -flush	Non-flush	Current consumption	≤10mA	
Rated distance [Sn]	20mm	40mm	Circuit protection	Short-circuit, overload, and reverse polarity	
Assured distance [Sa]	0…16mm	0…32mm	Indicator	Yellow LED	
Dimensions	40mm *40mm *129mm		Ambient temperature	-25℃…70℃	
Output	NO/NC(depends on part number)		Ambient humidity	35-95%RH	
Supply voltage	10…30 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	≤200mA		Housing material	PBT	
Residual voltage	≤2.5V		Connection type	M12 connector	

Dimensions



Wiring diagram

