Plastic square shape inductive sensors **LE80XZ** series



Features

- ◆ Special compensating circuit design;
- ◆ Wider termpature range -25~+100℃;
- ◆ Perfect choice for metal casting and glass industry etc;

CE

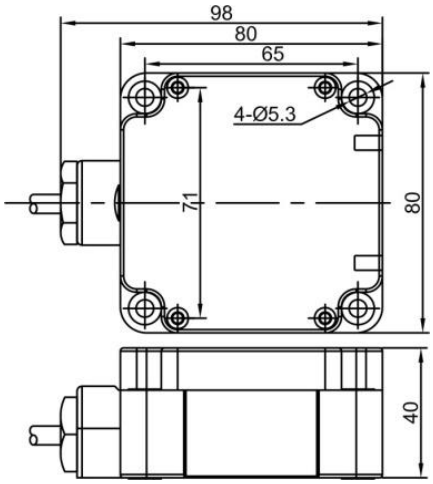
Part number

NPN NO	LE80XZSF40DNOW2-D	LE80XZSN50DNOW2-D	PNP NO	LE80XZSF40DPOW2-D	LE80XZSN50DPOW2-D
NPN NC	LE80XZSF40DNCW2-D	LE80XZSN50DNCW2-D	PNP NC	LE80XZSF40DPCW2-D	LE80XZSN50DPCW2-D
NPN NO+NC	LE80XZSF40DNRW2-D	LE80XZSN50DNRW2-D	PNP NO+NC	LE80XZSF40DPRW2-D	LE80XZSN50DPRW2-D

Technical specifications

Mounting	Flush	Non-flush	Current consumption	≤15mA	
Rated distance [Sn]	40mm	50mm	Circuit protection	Reverse polarity	
Assured distance [Sa]	0…32mm0…40mm		Output indicator	Yellow LED	
Dimensions	40*80*98mm		Ambient temperature	-25…+100℃	
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	Fe120*120*1t	Fe150*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]	≤5%		Degree of protection	IP67	
Load current	≤150mA		Housing material	PBT	
Residual voltage	≤2.5V		Connection type	Terminal	

Dimensions



Wiring diagram

