Plastic square shape inductive sensors **LE80XZ** series



Features

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

CE

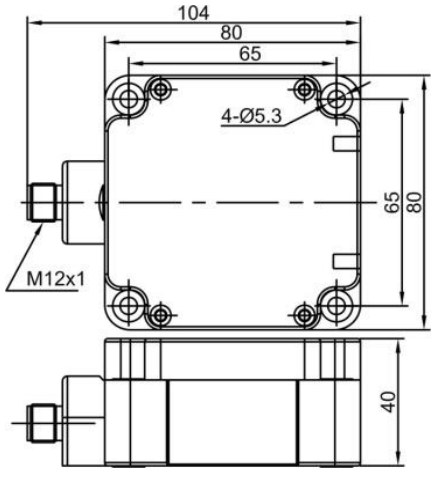
Part number

NPN NO	LE80XZSF40DNOW2-E2	LE80XZSN50DNOW2-E2	PNP NO	LE80XZSF40DPOW2-E2	LE80XZSN50DPOW2-E2
NPN NC	LE80XZSF40DNCW2-E2	LE80XZSN50DNCW2-E2	PNP NC	LE80XZSF40DPCW2-E2	LE80XZSN50DPCW2-E2
NPN NO+NC	LE80XZSF40DNRW2-E2	LE80XZSN50DNRW2-E2	PNP NO+NC	LE80XZSF40DPRW2-E2	LE80XZSN50DPRW2-E2

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*104mm		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	M12 connector

Dimensions



Wiring diagram

