Plastic square shape inductive sensors **LE80XZ** series



Features

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

CE

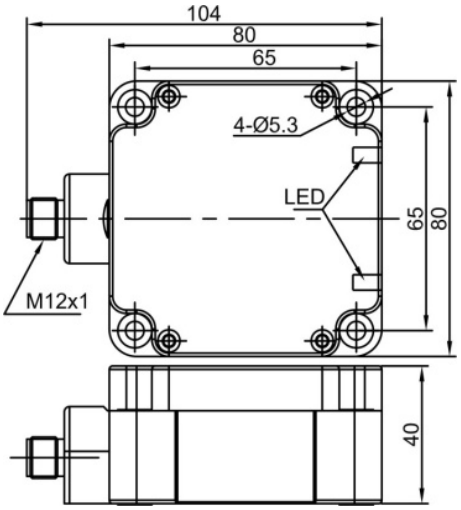
Part number

DC 2 wires NO	LE80XZSF40DLO-E2	LE80XZSN50DLO-E2	DC 2 wires NC	LE80XZSF40DLC-E2	LE80XZSN50DLC-E2

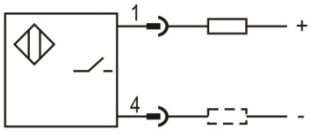
Technical specifications

Mounting	Flush	Non-flush	Leakage current [Ir]	≤1mA
Rated distance [Sn]	40mm	50mm	Circuit protection	Reverse polarity protection
Assured distance [Sa]	0…32mm	0…40mm	Output indicator	Yellow LED
Dimensions	40 *80 *104 mm		Ambient temperature	-25℃…70℃
Output	NO/NC(depends on part number)		Ambient humidity	35-95%RH
Supply voltage	10⋯30 VDC		Switching frequency [F]	80 Hz 40 Hz
Standard target	Fe 120*120*1t	Fe 150*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]	≤3%		Degree of protection	IP67
Load current	≤100mA		Housing material	PBT
Residual voltage	≤6V		Connection type	M12 connector

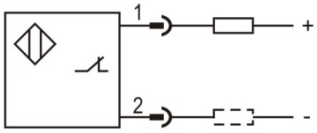
Dimensions



Wiring diagram



NO



NC

