Plastic square shape inductive sensors **LE80XZ** series



Features

◆Providing equivalent signal output along with target position;
◆0-10V, 0-20mA, 4-20mA analog output;
◆Perfect choice for displacement and thickness measurement;

CE

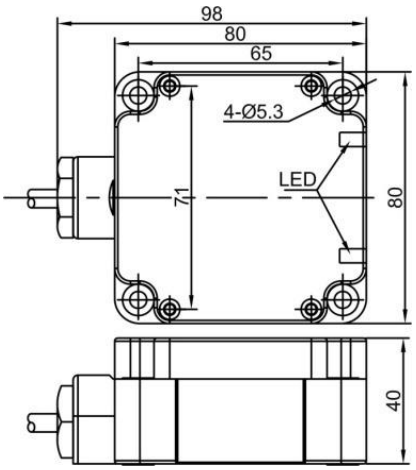
Part number

0-10V	LE80XZSF40LUM-D	LE80XZSN50LUM-D	4-20mA	LE80XZSF40LI4M-D	LE80XZSN50LI4M-D
0-20mA	LE80XZSF40LIM-D	LE80XZSN50LIM-D	0-10V + 0-20mA	LE80XZSF40LIUM-D	LE80XZSN50LIUM-D

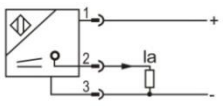
Technical specifications

Mounting	Flush	Non-flush	Current consumption	≤20mA
Rated distance [Sn]	40mm	50mm	Circuit protection	Reverse polarity protection
Sensing distance	8…40mm	10…50mm	Output indicator	Yellow LED
Dimensions	40*80*98mm		Ambient temperature	-25℃…70℃
Output	Current, voltage or current+voltage		Ambient humidity	35…95%RH
Supply voltage	15…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)
Linearity	≤±5%		Vibration resistance	10…50Hz (1.5mm)
Repeat accuracy [R]	≤±3%		Degree of protection	IP67
Load current	Voltage output: ≥4.7KΩ		Housing material	PBT
	Current output: ≤470Ω		Connection type	Terminal

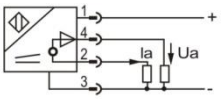
Dimensions



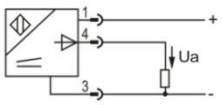
Wiring diagram



Current output



Current +Voltage output



Voltage output