

Plastic square shape inductive sensors **LE40XZ** series



Features

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



Part number

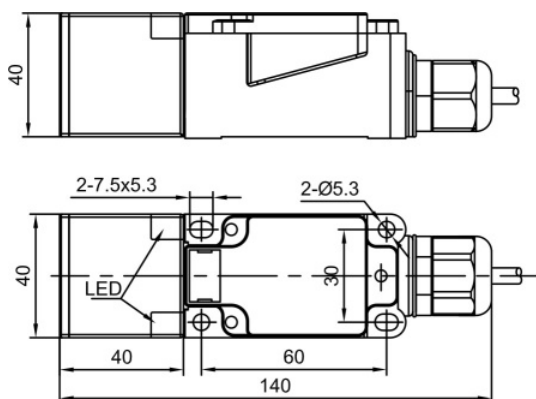
DC 2 wires NO LE40XZSF15DLO-D LE40XZSN20DLO-D

DC 2 wires NC LE40XZSF15DLC-D LE40XZSN20DLC-D

Technical specifications

Mounting	Flush	Non-flush	Leakage current [Ir]	≤1mA
Rated distance [Sn]	15mm	20mm	Circuit protection	Short-circuit, overload and reverse polarity
Assured distance [Sa]	0...12mm	0...16mm	Output indicator	Yellow LED
Dimensions	40 *40 *140 mm		Ambient temperature	-25°C...70°C
Output	NO/NC(depends on part number)		Ambient humidity	35-95%RH
Supply voltage	10...30 VDC		Switching frequency [F]	500 Hz 300 Hz
Standard target	Fe 45*45*1t	Fe 60*60*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	Terminal

Dimensions



Wiring diagram

