Plastic square shape inductive sensors **LE20** series



Features

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

CE

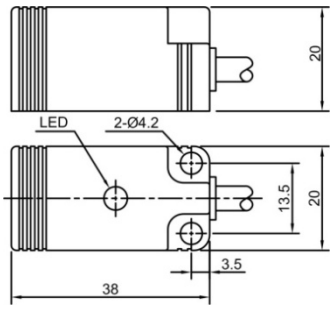
Part number

DC 2 wires NO	LE20SF05DLO	LE20SN08DLO	DC 2 wires NC	LE20SF05DLC	LE20SN08DLC

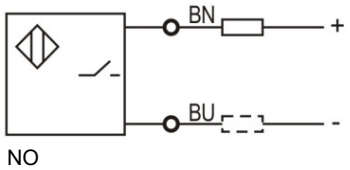
Technical specifications

Mounting	Flush	Non-flush	Leakage current [Ir]	≤1mA	
Rated distance [Sn]	5mm	8mm	Circuit protection	Short-circuit, overload and reverse polarity	
Assured distance [Sa]	0…4mm	0…6.4mm	Output indicator	Yellow LED	
Dimensions	20 *20 *38 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]	500 Hz	300 Hz
Standard target	Fe 20*20*1t	Fe 24*24*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	⩽8V		Connection type	2m PVC cable	

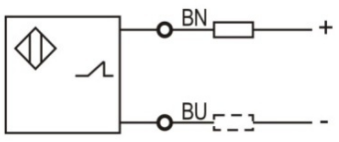
Dimensions



Wiring diagram



NO



NC