Metal cylindrical shape inductive sensors **LR08** series



Features

- ◆ Extended sensing distance;
- ◆ ASIC design, safe and reliable;
- ◆ Perfect choice for metallic targt detection;

CE

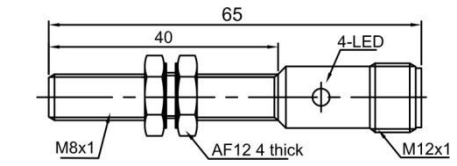
Part number

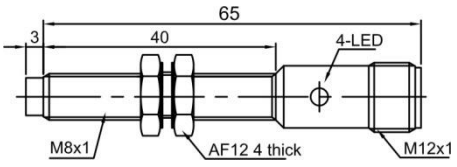
DC 2wires NO			DC 2wires NC		
	LR08BF02DLOY-E2	LR08BN04DLOY-E2		LR08BF02DLCY-E2	LR08BN04DLCY-E2

Technical specifications

Mounting	Quasi-flush	Non-flush	Leakage current [Ir]	≤1mA	
Rated distance [Sn]	2mm	4mm	Circuit protection	Reverse polarity	
Assured distance [Sa]	0…1.6mm	0…3.2mm	Output indicator	Yellow LED	
Dimensions	M8*65mm	M8*68mm	Ambient temperature	-25℃…70℃	
Output	NO/NC(depends on part number)		Ambient humidity	35-95%RH	
Supply voltage	10…30 VDC		Switching frequency [F]	1000Hz	800 Hz
Standard target	Fe 8*8*1t	Fe12*12*1t	Voltage withstand	……	
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	Nickel-copper alloy	
Residual voltage	≤6V		Connection type	M12 connector	

Dimensions





Wiring diagram

