

Standard function type inductive sensors **LR6.5Q** series



Features

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



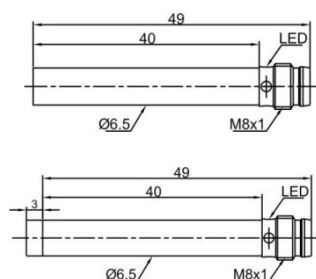
Part number

DC 2 wires NO	LR6.5QBF15DLO-E1	LR6.5QBN02DLO-E1	DC 2wires NC	LR6.5QBF15DLC-E1	LR6.5QBN02DLC-E1
---------------	------------------	------------------	--------------	------------------	------------------

Technical specifications

Mounting	Flush	Non-flush	Leakage current [Ir]	≤1mA	
Rated distance [Sn]	1.5mm	2mm	Circuit protection	Reverse polarity protection	
Assured distance [Sa]	0...1.2mm	0...1.6mm	Output indicator	Yellow LED	
Dimensions	M6.5*49mm	M6.5*52mm	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]	1000 Hz	800 Hz
Standard target	Fe 8*8*1t	Fe 8*8*1t	Voltage withstand	...	
Switch-point drifts [%/Sr]	≤ ± 10%		Insulation resistance	≥ 50M Ω (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	Stainless steel	
Residual voltage	≤ 8V		Connection type	M8 connector	

Dimensions



Wiring diagram

