

## Inductive sensors series LR08

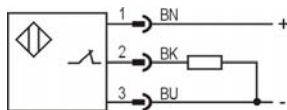
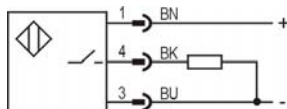
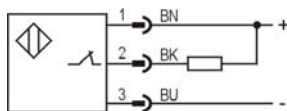
Photo



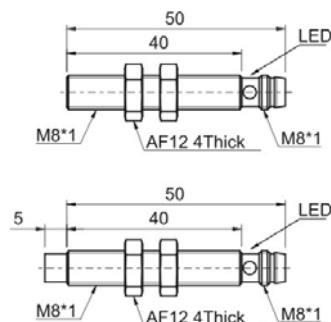
### Feature Description

- ◆ Easy to set-up due to extended sensing distance
- ◆ Surge, overload, short-circuit and reverse polarity protection
- ◆ Housing material : stainless steel
- ◆ Protection degree : IP67 (IEC)

### Connection diagram



Dimension drawing



### Item Code

NPN NO	LR08BF02DNOY-E1	LR08BN04DNOY-E1
NPN NC	LR08BF02DNCY-E1	LR08BN04DNCY-E1
NPN NO+NC	—	—
PNP NO	LR08BF02DPOY-E1	LR08BN04DPOY-E1
PNP NC	LR08BF02DPCY-E1	LR08BN04DPCY-E1
PNP NO+NC	—	—

### Specification

Mounting	Flush (F)	Non flush (N)
SN (mm)	2mm	4mm
Setting distance	0...1.6mm	0...3.2mm
Housing size (mm)	M8*50	
Thread size (mm)	M8*1*40	
Output (mm)	NPN/PNP NO/NC	
Power supply	10...30V DC	
Standard target	Fe 8*8*1t	Fe 12*12*1t
Temperature drift	≤±10%	
Hysteresis	1...15%	
Repeat accuracy	≤3%	
Load current (mA)	≤200mA	
Residual voltage	≤2.5VDC	
Consumption current	≤10mA	
Indicator	Yellow LED	
Ambient temp	-25...70°C	
Ambient RH	35-95%RH	
Frequency (Hz)	1000Hz	600Hz
Dielectric strength	1000V/AC 50/60Hz 60s	
Insulation resistance	50M (500VDC)	
Protection degree	IP67	
Housing material	Stainless steel	
Connection	Connector M8/3pins	