Metal cylindrical shape inductive sensors **LR30F** sensors



Features

- ◆ Extended sensing distance
- ◆ASIC design, safe and reliable

CE

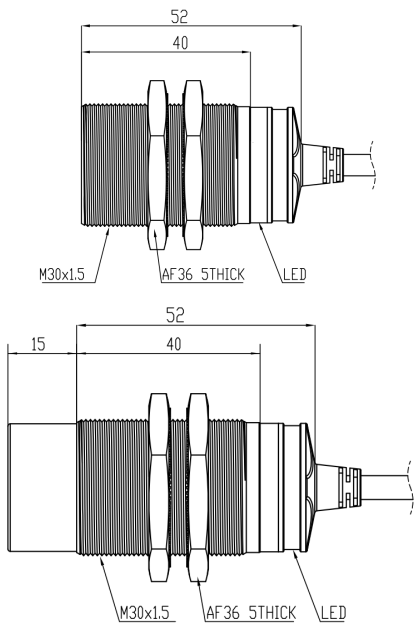
Part number

NPN	NO	LR30FBF15DNOY	LR30FBN22DNOY	PNP	NO	LR30FBF15DPOY	LR30FBN22DPOY
NPN	NC	LR30FBF15DNCY	LR30FBN22DNCY	PNP	NC	LR30FBF15DPCY	LR30FBN22DPCY

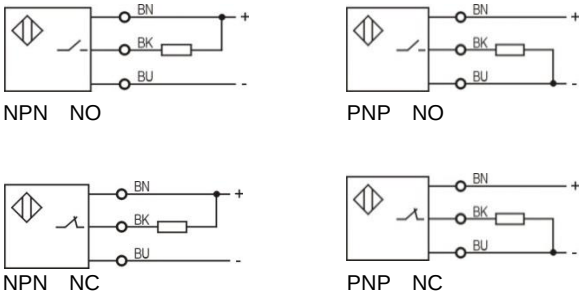
Technical specifications

Mounting	Quasi -flush	Non-flush	Current consumption	≤15mA	
Rated distance [Sn]	15mm	22mm	Circuit protection	Short-circuit, overload, reverse polarity	
Assured distance [Sa]	0…12mm	0…17.6mm	Output indicator	Yellow LED	
Dimensions	M30*52mm	M30*67mm	Ambient temperature	-25℃…70℃	
Output	NO/NC (depends on part number)		Ambient humidity	35-95%RH	
Supply voltage	10…30 VDC		Switching frequency [F]	400 Hz	150 Hz
Standard target	Fe 45*45*1t	Fe 66*66*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…55Hz (1.5mm)	
Repeat accuracy [R]	⩽3%		Degree of protection	IP67	
Load current	⩽200mA		Housing material	Nickel-copper alloy	
Residual voltage	⩽2V		Connection type	2m PVC cable	

Dimensions



Wiring diagram



Headquarters: Shanghai Lanbao Sensing Technology Co.,Ltd.
Address: No. 228, Jinbi Road Jinhui Industrial Park Fengxian Area, Shanghai 201404, China
Tel: +86-21-57486188 Fax: +86-21-57486199
market@shlanbao.cn
*Lanbao reserves all the rights

ООО «Сенсорен Электро» +7(495)150-48-00 info@sensoren.ru
Sensoren