

Ring-type

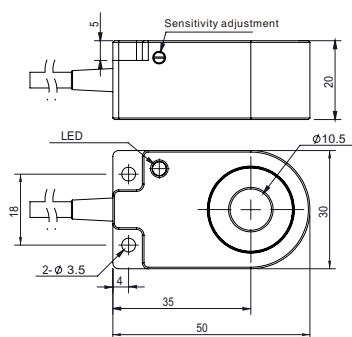
Cable Style

Appearance				
Housing size	H10	H15	H21	H43
Hole diameter	10.5mm	15.5mm	22.5mm	43.5mm
Hole height	20mm			
Housing material	ABS			
Operating voltage	10~30V DC(Ripple < 10%)			
Voltage drop	< 1.5V			
Load Current , Max	150mA			
No-load supply current	< 15mA			
Leakage current	< 10mA			
Switch frequency	2KHz	1.5KHz	1KHz	500Hz
Min.detectable object	D=2.5mm;L=4mm	D=3mm;L=6mm	D=6mm;L=12mm	D=9mm;L=18mm
Repeat accuracy	< 2.0% (Sr)			
Hysteresis	< 15% (Sr)			
Sensing surface material	PBT			
Operating Temperature	-25°C~+70°C			
Protective circuit	Short circuit/Reverse polarity			
Degree of protection	IP67			
Over-load trip	180mA			
Model No.	TH10-20 N □□	TH15-20 N □□	TH21-20 N □□	TH43-20 N □□
	N □□:NPN Normally open	N □□:NPN Normally closed	P □□:PNP Normally open	P □□:PNP Normally closed

Dimensions (Unit:mm)

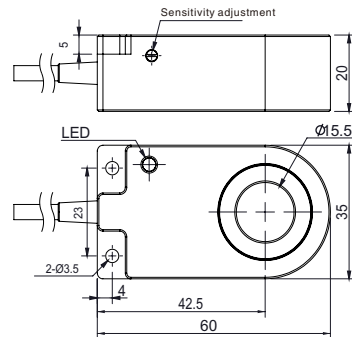
H10

TH10-20□□



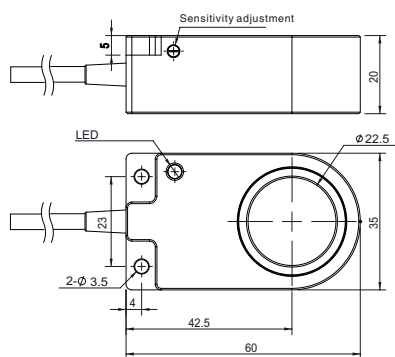
H15

TH15-20□□



H21

TH21-20□□



H43

TH43-20□□

