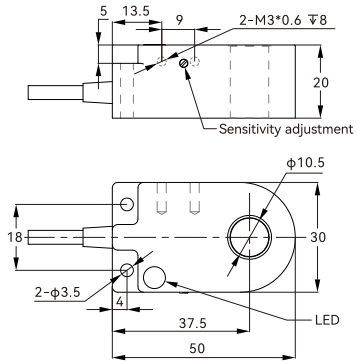
Pre-wired

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			
Current consumption	<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℃~+75℃			
Protective circuit	Short circuit; Reverse polarity			
Degree of protection	IP67			
Model No.	TH10-20NO	TH15-20NO	TH21-20NO	TH43-20NO
	NO:NPN Normally open NC:NPN Normally closed PO:PNP Normally open PC:PNP Normally closed			

Dimensions (Unit:mm)

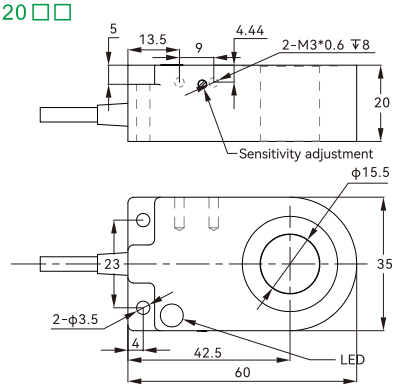
H10

TH10-20□□



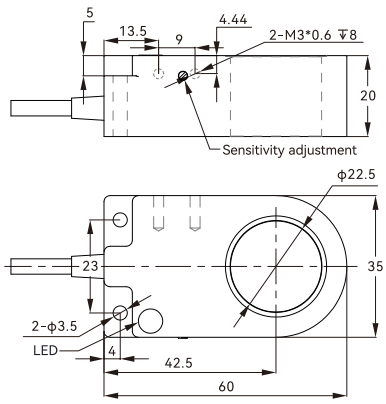
H15

TH15-20□□



H21

TH21-20□□



H43

TH43-20□□