

## Infrared Proximity Sensors

**CS-PD438-PQ**  $\varnothing$ 38mm, Stainless Steel / Polycarbonate

**CS-PD422-PQ**  $\varnothing$ 22mm, Stainless Steel / Polycarbonate

**CS-PD419-PQ**  $\varnothing$ 19mm, Stainless Steel / Polycarbonate

**CS-PD115-PAQ**  $\varnothing$ 19mm, Polycarbonate

### Features:

- No-touch operation reduces the risk of spread of germs, viruses, etc., through cross-contamination
- Adjustable sensor range up to 6" (15cm) 1A relay, adjustable trigger duration 0.5~20 seconds or toggle
- Selectable LED colors (turns from red to green or green to red) to show if the sensor is activated
- Weather-resistant (IP65\*) for outdoor use

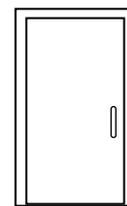


CS-PD422-PQ Shown

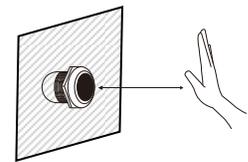
### Specifications:

	CS-PD438-PQ	CS-PD422-PQ	CS-PD419-PQ	CS-PD115-PAQ
Dimensions	$\varnothing$ 1 1/2" ( $\varnothing$ 38mm)	$\varnothing$ 1 7/8" ( $\varnothing$ 22mm)	$\varnothing$ 3/4" ( $\varnothing$ 19mm)	$\varnothing$ 3/4" ( $\varnothing$ 19mm)
Case material	Stainless steel and polycarbonate			Polycarbonate
Operating voltage	12~24 VDC			
Power consumption	12VDC	35mA@12VDC	30mA@12VDC	30mA@12VDC
	24VDC	45mA@24VDC	35mA@24VDC	30mA@24VDC
Relay type	Form C dry contact, NO/NC/COM, 1A@24VDC, 0.5A@12VAC			
Connectors	Wire terminals			
Response time	10mS			
Output time	0.5~20s, toggle			
Range	1 9/16"~6" (4~15cm)			
LED Status indicator	Selectable red/green or green/red			
Operating life	Relay	1,000,000 cycles		
	Sensor	100,000 hours		
IP Rating	IP65*			
Operating temperature	-4°~131° F (-20°~55° C)			

### Sample Applications:



Access control



Replace mechanical switch (machinery, dispensers, medical devices, etc.)

### LED Indicators (Selectable):

CS-PD419-PQ, CS-PD422-PQ,  
CS-PD438-PQ  
(CS-PD422-PQ Shown)

CS-PD115-PAQ



Standby



Activated

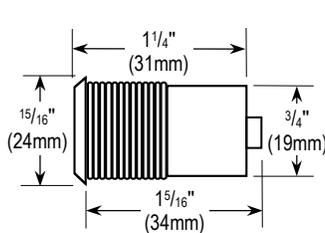


Standby

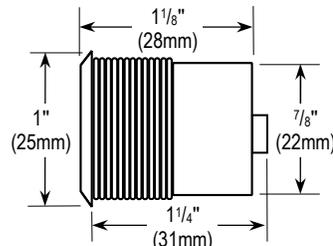


Activated

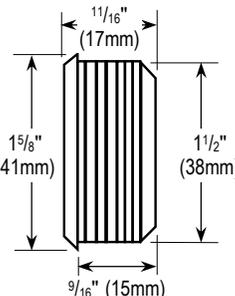
### Overview:



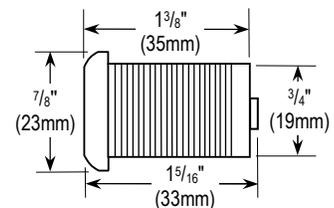
CS-PD419-PQ



CS-PD422-PQ



CS-PD438-PQ



CS-PD115-PAQ

\* Weather-resistant when properly installed (see manual).

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