

Infrared Proximity Sensors

- CS-PD438-PQ** $\varnothing 38\text{mm}$, Stainless Steel / Polycarbonate
- CS-PD422-PQ** $\varnothing 22\text{mm}$, Stainless Steel / Polycarbonate
- CS-PD419-PQ** $\varnothing 19\text{mm}$, Stainless Steel / Polycarbonate
- CS-PD115-PAQ** $\varnothing 19\text{mm}$, Polycarbonate

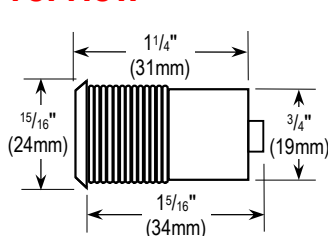
Features

- No-touch operation reduces the risk of spread of germs, viruses, etc., through cross-contamination
- 1A@30VDC Form C relay, adjustable sensor range up to 7" (18cm), adjustable trigger duration 0.5~30 seconds or toggle
- Selectable LED colors (turns from red to green or green to red to show when the sensor is activated)
- Weather-resistant (IP65*) for outdoor use

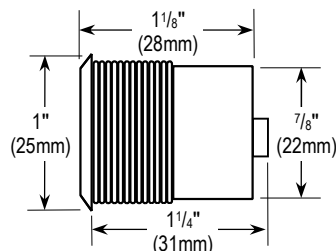
Specifications

		CS-PD438-PQ	CS-PD422-PQ	CS-PD419-PQ	CS-PD115-PAQ
Dimensions		ø1½" (ø38mm)	ø17⁄8" (ø22mm)	ø3¼" (ø19mm)	
Case material		Stainless steel and polycarbonate			Polycarbonate
Operating voltage		12~24 VDC			
Current draw (max. ±10%)	12VDC	28mA	23mA	20mA	21mA
	24VDC	35mA	28mA	26mA	25mA
Relay type		Form C dry contact, NO/NC/COM, 1A@30VDC			
Connectors		Wire terminals			
Response time		10mS			
Output time		0.5~30s, toggle			
Range		2"~7" (5~18cm)			
LED Status indicator		Selectable red/green or green/red			Red/green
Operating life	Relay	1,000,000 cycles			
	Sensor	100,000 hours			
IP Rating		IP65 (front panel only)*			
Operating temperature		-4°~131° F (-20°~55° C)			

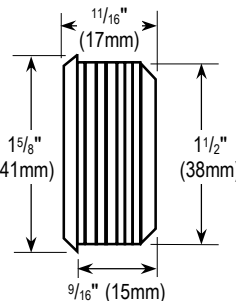
Overview



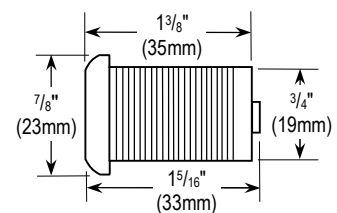
CS-PD419-PQ



CS-PD422-PQ



CS-PD438-PQ



CS-PD115-PAQ

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

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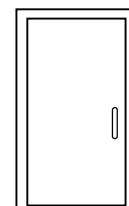
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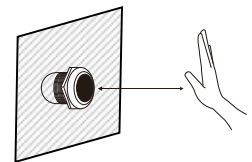


CS-PD422-PQ Shown

Sample Applications



Access control



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

LED Indicators (Default)

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

CS-PD115-PAQ



Standby



Activated



Standby



Activated