

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
- 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

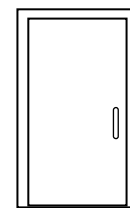
Specifications:

	CS-PD438-PQ	CS-PD422-PQ	CS-PD419-PQ	CS-PD115-PAQ
Dimensions	$\varnothing 1\frac{1}{2}"$ ($\varnothing 38\text{mm}$)	$\varnothing 1\frac{7}{8}"$ ($\varnothing 22\text{mm}$)	$\varnothing 3\frac{3}{4}"$ ($\varnothing 19\text{mm}$)	$\varnothing 3\frac{3}{4}"$ ($\varnothing 19\text{mm}$)
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 $\frac{9}{16}"$ ~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)			

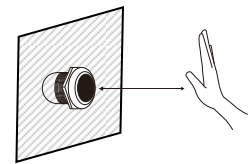


CS-PD422-PQ Shown

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

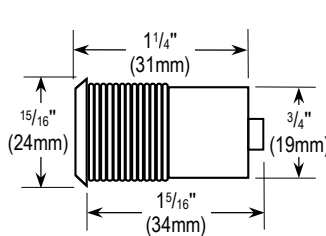


Standby

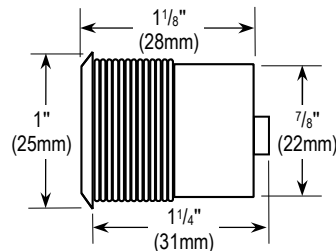


Activated

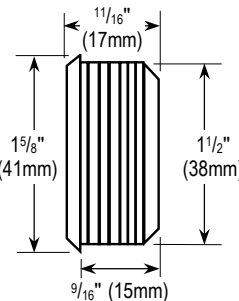
Overview:



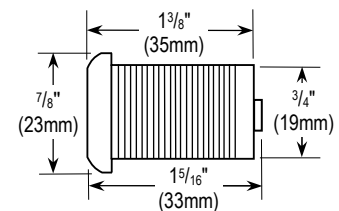
CS-PD419-PQ



CS-PD422-PQ



CS-PD438-PQ



CS-PD115-PAQ

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

Superior Electronics Corporation

No.10, Lane 31, Chongde St., Sinyi District, Taipei City 110, Taiwan

Tel:886-2-2378-6161 • Fax:886-2-2378-6163

E-mail: info@superior-elec.com • Website: www.enforcer.com.tw



Copyright © 2020 Superior Electronics Corporation. All rights reserved.
All trademarks are the property of Superior Electronics Corporation or their respective owners.
Superior Electronics Corporation's policy is one of continual development. For that reason, we reserve the right to change prices and specifications without notice. Superior Electronics Corporation is not responsible for misprints.

ENFORCER® SECO-LARM® CRIMEBUSTER® CBA® SLI®

PI_CS-PDxxx-PQ_SEC_200617.docx