Infrared Proximity Sensors

CS-PD535-TAQ *Square, Red/Green LED status indicator*
CS-PD535-TBQ *Square, Blue/Green LED status indicator*

Features:

- No-touch operation reduces the risk of spread of germs, viruses, etc., through cross-contamination
- Adjustable sensor range $2^{3}/_{8}$"-8" (6~20 cm), 3A relay, adjustable trigger duration 0.5~30 seconds or toggle
- LED illuminated sensor area for easy identification
- Selectable LED colors turns from red to green or green to red (blue to green / green to blue for CS-PD535-TBQ) to show the sensor is activated

Specifications:

Model	CS-PD535-TAQ	CS-PD535-TBQ
Operating voltage	12~24 VDC	
Current draw (max.)	120mA@12VDC	
Relay type	Form C dry contact, NO/NC/COM, 3A@24VDC	
Connectors	Quick-connect, screwless terminal block	
Response time	10mS	
Output time	Adjustable, 0.5~30s, toggle, or as long as sensor is triggered	
Sensing range	Adjustable, $2^{3}/_{8}$"~8" (6~20cm)	
LED Status indicator	Red/green or green/red*	Blue/green or green/blue*
Operating life — Relay	500,000 cycles	
Operating life — Sensor	100,000 hours	
Case material	ABS Plastic	
Operating temperature	-4°~131° F (-20°~55° C)	
Dimensions	$1^{3}/_{4}$"x$2^{1}/_{8}$"x$1^{7}/_{16}$" (44x55x37 mm)	

*Colors reversable by jumper

Sample Applications:

Access control

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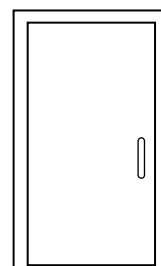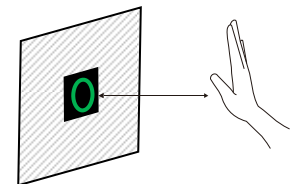
Replace mechanical switch (machinery, dispensers, medical devices, etc.)

Overview:

$1^{3}/_{4}$" (44mm)
2" (50mm)
$1^{11}/_{16}$" (43mm)
$1^{7}/_{16}$" (37mm)
$1^{1}/_{4}$" (32mm)
$2^{1}/_{8}$" (55mm)
$5/_{16}$" (8mm)
$1^{1}/_{8}$" (29mm)
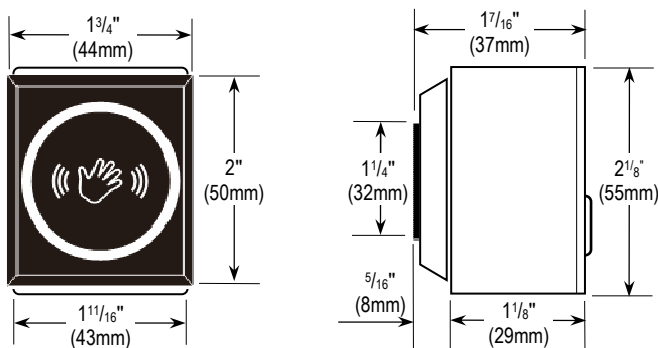
LED Indicators (Selectable):

(CS-PD535-TAQ shown)

Standby

Activated

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

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