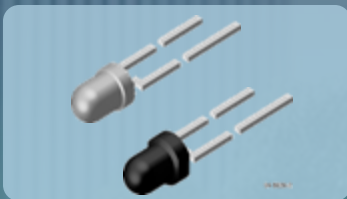


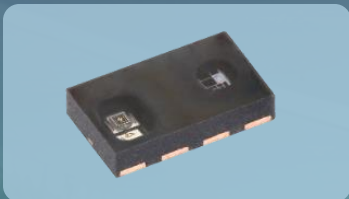
Pinch Protection – Safe Fingers with Vishay Opto

Discrete Solution
Emitter and Detector



TSAL4400 + TEFT4300

Digital Proximity Sensor
Automotive Qualified, High Sensitivity



VCNL4030X01



All in One, Integrated Emitter and Detector

Pinch Protection with Vishay Opto Sensors:

- Automatic doors in cars, trunks, sunroof windows, and industrial sliding doors all pose a risk of pinching fingers. With our opto sensor solution, hands or fingers can be detected before the pinch happens, preventing injuries effectively.
- Our digital proximity sensors can be used to scan for objects in the way, ensuring that any potential obstacle is detected early. Alternatively, a pair of emitters and detectors on each side of the door can create a light barrier



[Application Note](#)



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