

## News Release



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### **FOR IMMEDIATE RELEASE**

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### **OG-Cube Photoelectric Sensor in Robust Metal Housing**

EXTON, PA – The OG-Cube photoelectric sensor from ifm efector inc. provides high optical performance in a compact metal housing. The sensor offers reliable position detection in industrial applications such as conveying, packaging, material handling and automotive manufacturing.

The OG-Cube's robust metal housing withstands harsh industrial conditions. The sensor features metal M18 mounting threads that will not strip during mounting and its standard M12 connector resists high torquing, providing quick wiring. List price for the efector OG-Cube starts at \$69.00.

Bright LEDs indicate operating status (power and output) making troubleshooting in applications fast and simple. A powerful visible red light source with a large spot diameter enables easy alignment for easy setup. The sensors are designed to provide long sensing ranges that increase the distance between the sensor and the target, preventing physical damage from fast-moving targets.

For application versatility, the product family includes two models: high-precision background suppression and long-range polarized retro-reflective. High precision background suppression technology eliminates the need for adjustments as targets colors change. These background suppression models incorporate a sensing element that contains 63 diode receivers placed on an integrated circuit. The multiple receivers provide more information about the target and the background, offering improved feedback. Models are available with pushbutton setup and an adjustable sensing range from 15...200mm. Fixed range units offer a 100mm sensing range or 200 mm sensing range.

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The polarized retro-reflective model features an extended sensing range up to 4 meters when paired with a 50mm reflector. To avoid false triggers caused by reflections from shiny or highly reflective targets, the OG retro-reflective models contain a polarizing filter to provide reliable position detection.

For quick installation, ifm has designed two bracket systems for the OG-Cube and reflectors. With a full 360° adjustment, the mounting bracket kits enable both products to rotate in multiple directions to fit an application. Its flexibility simplifies alignment and eliminates the need to manufacture brackets in-house.

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ifm efector inc. is a premier technology partner for sensors and controls. Products include proximity switches, photoelectric sensors, fiber optics, condition monitors, speed monitors, pressure sensors, flow sensors, temperature sensors, level sensors, valve position sensors, mobile control solutions, ID systems, AS-i networking and Safety at Work products.

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