

## **FOR IMMEDIATE RELEASE:**

# **Compact New Fiber Optic Sensors Provide Application Flexibility**



January 29, 2016 - Buffalo Grove, IL – Carlo Gavazzi is pleased to announce a new line of **Fiber Optic Sensors**, including the **FA1 Fiber Optic Amplifier**, and the **FUT** and **FUR Fiber Optic Cables**.

The compact, intuitive, and flexible design of the **FA1 Fiber Optic Amplifier** is ideal for a wide variety of applications. An adjustable signal level, selectable response time, multiple timer functions, and UL508 Approval provide the application flexibility required in industries such as semiconductor and packaging. Two 4-digit LED displays simplify programming, and provide excellent feedback for monitoring application set-up, troubleshooting, and operation.

Along with the **FA1 Amplifier**, Carlo Gavazzi has announced an entirely new line of fiber optic cables, including the **FUR Fiber Optic Cables** for retroreflective applications, and the **FUT Fiber Optic Cables** for through beam applications. These cables are available in a variety of diameters, sleeve lengths, and connector options, simplifying installation in diverse applications. **FUT** and **FUR** cables are currently available in plastic, and glass fiber optic cables will be available in the near future. Main technical features include:

### **FA1 Amplifier**

- Two 4-digit LED display for signal/threshold levels
- Adjustable sensitivity via intuitive 3-way switch
- Selectable response time
- Different timer functions
- 100mA NPN or PNP output
- Light on and dark on switching
- cUL approved and CE marked

### **FUR & FUT Fiber Optic Cables**

- Reflective & through-beam types
- Inner diameter 0.25, 0.5 or 1.0mm
- Outer diameter 2.2 or 1.25mm
- Bending radius 10, 15, 25mm
- Over-molding protection
- Straight or angled sensing heads
- Different sleeve length options
- 2m standard length

The new **FA1, FUR, and FUT Fiber Optic Sensor** products are available from Carlo Gavazzi's North American network of sales offices, distributors, and online at [www.GavazziOnline.com](http://www.GavazziOnline.com).

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