

# Press Release

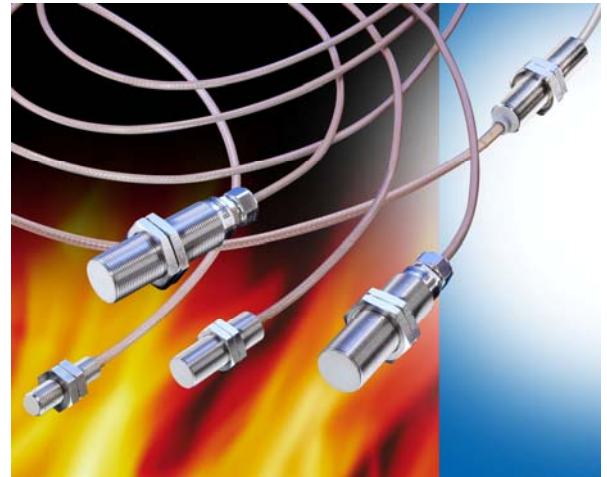
Department: Sensors / Automation / Handling

## ***High Temperature Sensors Operate Reliably in Temperatures to 180°C***

### ***Sensor Detects Presence of Metal Objects in Process and OEM Applications***

Southington, Conn. -- January 26, 2010.... For sensing applications exposed to temperatures from -25°C to +180°C, Baumer has introduced the new IFRH Series of Inductive High Temperature Sensors, a family of two-part proximity switches available in M8, M12 and M18 designs with chromium nickel steel housings.

Intended for flush-face installation, the IP67-rated IFRH sensors are designed to detect the presence of metal targets. With an overall length of just 30 mm, the M8 sensor is specifically designed for use in limited-space applications. Depending upon the housing size, nominal switching distance ranges from 1.5 mm to 5 mm.



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An FEP jacketed cable connects the sensor's temperature-sensitive processing electronics to the sensor head, protecting the electronics from damage. The sensors offer an operating voltage range between 10...30 VDC. These sensors are appropriate for use in aerospace, automotive, marine, PCB fabrication, food and beverage processing, oil processing, laboratory automation, rubber and plastics fabrication, chemical processing, packaging, print/graphics, textile production, and water treatment applications.

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This article and the illustration are approved for publication

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**Baumer Group**

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