



Our Vision:

To be the premier technology partner for sensors and controls.

Pressure sensors



Flow sensors



Temperature sensors

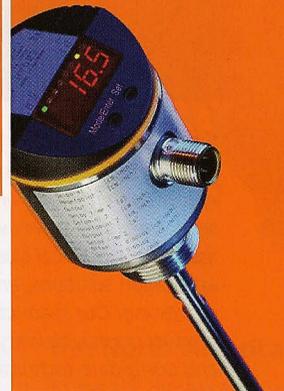


Temperature sensors and transmitters

Temperature sensors detect the process temperature of liquids and gases. ifm's temperature line includes modular control monitors with configurable RTD lengths; self-contained sensors with RTD and display in one housing; and self-contained transmitters with rotatable adjustment dials for quick setup.

Pages: 62 - 69

Level sensors



Level sensors

Level sensors detect the level of liquids, powders, granular solids, and plastics. The sensors can be immersed directly in the medium or mounted to a sight glass. Product offering includes continuous level, point-level and overflow protection.

Cordsets



Wiring solutions

Quick disconnect cable assemblies and field wireable connectors offer plug-and-play functionality for electrical wiring.

Pages: 80 - 83

Pressure sensors and transmitters

Compact pressure sensors and transmitters monitor system pressure in hydraulic and pneumatic applications. Pressure sensors feature numeric displays, pushbutton setup and switching outputs. Pressure transmitters offer analog output.

Pages: 48 - 55

Flow sensors and flow meters

ifm's flow offering includes flow sensors, magmeters, and ultrasonic flow meters. Flow sensing products detect the flow rate of liquids and gases. An output is provided when the flow rate falls above or below the setpoint. Meters also provide numeric display and total volume and temperature.

ifm offers a complete line of sensors, controls and cordsets for industrial automation applications

The ifm commitment

Reliable products, Innovative design

ifm offers a broad product range that includes sensors and controls for industrial automation applications.

ifm's core competency for industrial product design is to develop products with robust housings, easy user interfaces and flexible output stages.

ifm makes large investments in R&D and employs over 350 development engineers.

Our R&D team has more than 500 registered ifm patents worldwide.

ifm has received multiple awards for innovation and breakthrough technologies.

An ISO 9001:2000 compliant company.

Markets include:

- Assembly and robotics
- Automotive
- Food and beverage processing
- Machine tool
- Material handling
- Mobile equipment
- Packaging



Inductive sensors

Inductive proximity sensors

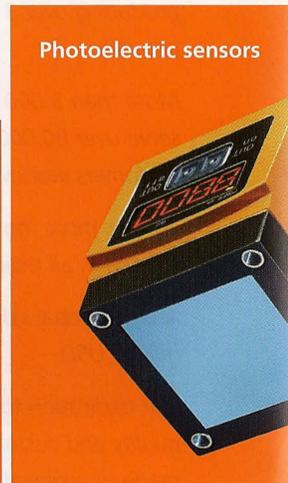
Inductive proximity sensors detect metallic targets in position sensing applications. The sensors incorporate extended range technology to reduce failure from mechanical damage. Industry standard tubular and rectan-



Cylinder sensors

Cylinder sensors

Low-profile T-slot and C-slot cylinder sensors detect the position of pneumatic cylinders. ifm cylinder sensors have significant advantages over Reed switch technology including high repeatability and fast response times.



Photoelectric sensors

Photoelectric sensors

Photoelectric sensors provide long-range, non-contact sensing in industrial control applications. ifm sensors offer high durability and are available in a variety of tubular and rectangular housings.

Pages: 28 - 45