Smart Sensors: The eyes and ears of efficient machines and equipment

Unless you are aware of what is happening on machines installed in factories minute-by-minute, it is impossible to maintain optimum productivity and efficiency at all times, or to avoid unplanned downtime and loss of production. Conventional sensors typically give on or off status. They lack the capability to communicate diagnostic or parameter data to the controller.

An integrated Smart Sensor solution provides all the data required to create a comprehensive picture of the status of the machine or production line. As integral components of The Connected Enterprise, Smart Sensors are the first step in going from the real world to the virtual world.

Integrated Smart Sensor solutions can help provide at least 5–10% Production Increase

Our Integrated Smart Sensor Solution

A truly connected enterprise has real-time control and information available across platforms and devices within the organization. When it comes to linking end point devices on the plant floor to The Connected Enterprise, our Integrated Architecture leverages smart sensors and I/O to deliver information, advanced functionality and flexibility, increasing efficiency machine- and plant-wide.

- Increase productivity
- Minimize downtime with continuous process and diagnostic data
- Enable faster product change-overs
- Speed-up machine commissioning
- Enable smarter machines for use in The Connected Enterprise
### Item Number | Description
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1 | Studio 5000®
2 | PanelView™ 5530
3 | CompactLogix™ 5380
4 | Stratix Switch
5 | 1754-440L Point I/O IO-Link Master
6 | 450MS Distance Measurement Sensor

### Item Number | Description
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7 | 871FM Mini Flat Pack Proximity Sensor
8 | 46CLR ColorSight™ True Color Sensor
9 | 871TM Tubular Stainless Steel Sensor
10 | ArmorBlock IO-Link Hub
11 | 872C WorldProx™ Tubular General Purpose Inductive Proximity Sensor

### Item Number | Description
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12 | 871C Tubular Extended Temperature Sensor
13 | 856T Control Tower™ Stack Lights
14 | 802T Oiltight Limit Switch
15 | 800F 22 mm Round Operator
16 | 1752-C810LM12R ArmorBlock IO-Link Master

### Item Number | Description
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17 | 42AF RightSight™ M30 Sensor
18 | 836P Solid-State Pressure Sensor
19 | 45FLA Polarized Light Array Photoelectric Sensor
20 | 42EF RightSight™ Sensor
21 | 46DFA DIN Rail Fiber Optic Amplifier

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