

Balluff's newest universal connector stands up to the harshest of environments



Florence, Kentucky (May 18, 2018): Balluff's new IP69-rated inline universal connector was designed to withstand exposure to corrosive chemicals and pressure wash-down, making it ideal for the harsh environments found in food processing and pharmaceutical applications. This is the latest addition to Balluff's growing catalog of universal connectors.

This universal connector module consolidates up to eight channels of digital inputs or outputs to a single four-wire sensor cable, offering lean connectivity to the devices in corrosive environments. This active I/O distribution module offers on-board diagnostics for per channel short circuit protection and over-current to help debug problems on the line. With its IP69 protection rating and ECOLAB certification, it can be exposed to harsh conditions without the need for cabinet space to host the module.

"Signal lights, pushbuttons, pumps, and valve terminals are often located away from the main control cabinet and in harsh environments. Routing more wires or adding cabinet islands are both costly solutions. This inline connector module, which does not require housing or cabinet space, brings data and power over a four-wire sensor cable to simplify the connectivity to the remote devices", said Shishir Rege, marketing manager for networking and IO-Link products at Balluff.

This universal I/O connector features:

- M18 barrel style, stainless steel V4A housing
- IP69 protection rating and ECOLAB certification
- Up to 8 channels of fully configurable inputs and outputs (200mA per channel) via cable gland
- Per channel diagnostics for short circuit and open current

About Balluff Inc.:

Balluff Inc. is the U.S. subsidiary of Balluff GmbH, Neuhausen, Germany. Balluff is a leading supplier of networked IO-Link control system architectures that unlock the potential of the IIoT and Industry 4.0. Balluff offers a wide range of intelligent IO-Link and industrial Ethernet sensors in a variety of technologies including inductive, photoelectric, capacitive, and magnetic as well as magnetostrictive linear position sensors, magnetic tape linear encoders, industrial RFID systems, and industrial vision systems. Balluff provides cost-saving, process-enhancing solutions to machine builders and manufacturers to control, regulate, automate, assemble, position, and monitor manufacturing, assembly, and packaging sequences. Industries served include: automotive, packaging, food processing, beverages, tire, primary metals, conventional and alternative energy, semiconductor, plastics, and fluid power.