



Press Release

For Immediate Release

TURCK
works

Industrial
Automation



Release Date: November 5, 2014

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Stainless steel ports allow integration of multiple devices to a single unit, even in harsh environments

TURCK's New Passive Junction Boxes Simplify Device Integration

PLYMOUTH, Minn. (November 5th, 2014) – TURCK's new passive junction boxes with stainless steel ports help plants integrate multiple devices into a single unit, and consolidate the number of cables on the plant floor. The newly designed stainless steel M12 port connections allow the junction boxes to be used in harsh environments.

TURCK's passive junction boxes are available in 4-, 6- or 8-port configurations, with one to two discrete signals per port capability, so plants can consolidate multiple discrete devices in an area to a single product. A single cable then connects the junction box to a controller, eliminating the tangle of cables when individual lines are run from each discrete device. Discrete signals can be either inputs or outputs from the controller; each box includes port and unit labels, and integral homerun cables.

With a compact, low-profile housing, these passive junction boxes can be used in a variety of industrial and factory automation applications. The new boxes fit on the same mounting platform as the non-stainless steel junction boxes.

TURCK's passive junction boxes are available in PNP LED, NPN LED and no LED options. All feature fully encapsulated nylon housings with stainless steel connectors to ensure strength and ingress resistance, and include IP68 and IP69k ingress protection. Specifications include 2A of current per signal, up to 9A total current per box, with 10V-30V operating voltage. TURCK's passive junction boxes are certified for temperatures -40 degrees Celsius to 85 degrees Celsius.

About TURCK

TURCK is a pioneer in industrial automation technology, providing customers with a comprehensive line of quality and advanced technology products in a fast, flexible and accurate manner. With more than 3,200 people working in 27 countries, TURCK has built global partnerships with customers based on engineering expertise, flexibility and our willingness to take on engineering challenges that others won't. For more information, visit www.turck.us.