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PRESS RELEASE

Banner's PVS28 Parts Verification Sensor Provides Optical Sensing and Intuitive Indication in One Device

Programmable indicator has adjustable sensing field ranges, three teachable modes, and multiple built-in colors

MINNEAPOLIS — Industrial automation manufacturer, Banner Engineering, today introduced the PVS28 parts verification sensor, designed for visual operator guidance with touchless activation in picking, assembly, and fulfillment applications.

The PVS28 provides maximum flexibility with two easy-to-use adjustable sensing ranges. Diffuse mode has an adjustable range of 20 mm to 500 mm. For a longer range, retroreflective mode enables the PVS28 to sense up to 1000 mm with a reflector. The sensor includes a quick disconnect, 150 mm 5-pin M12 connector for simple installation. The PVS28 comes with three teachable modes—object mode, background mode, and window mode—for fast programming through remote pulses. The teach process is simplified by visual feedback, including mode confirmation and signal strength.

The PVS28 comes standard with green, yellow, and red indicator colors. This is ideal for picking and assembly applications. A green light informs the operator which bin to pick from, a yellow light gives automatic acknowledgement of the pick when a hand or object is detected, and a red light indicates the wrong bin was picked from. Additionally, the PVS28 has touchless activation, eliminating possible contamination and the need for physical force to operate while increasing the speed and accuracy of the pick.

With more colors, come more ways to communicate status. The PVS28 has a discrete input and output and is programmable through Banner's free Pro Editor software. Users can change

indicator colors and animations, plus output logic including delays. Pro Editor makes it easy to add custom colors and animations for enhanced status indication and intuitive operator guidance. Up to a total of seven colors are available for unique identification of operators and statuses. Users can also select from eight animations, such as intensity sweep, 50/50 flash, chase, and more.

Banner Engineering manufactures industrial automation products that include sensors, smart IIoT and industrial wireless products, LED lights and indicators, machine safety equipment, as well as barcode scanners and machine vision devices. These products help produce the cars we drive, the food we eat, the medicine we take, and many of the things we touch every day. Headquartered in Minneapolis since 1966, Banner is an industry leader with more than 10,000 active products, operations on six continents, and a worldwide team of over 5,500 employees. Every 2 seconds a Banner product is installed somewhere in the world. Online at BannerEngineering.com

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