



CKD Releases New Gap Sensor – GPS3 Series Digital Gap Switch

Responding to the needs of its customers, CKD has released the GPS3 Series Gap Sensor. The GPS3 series is the first of its kind with the ability to detect two different gaps with one switch. Unlike other sensors in the market requiring multiple units to cover a large range, the CKD GPS3 detects a wide distance range, from 0.03mm to 0.4mm, with one model. In addition, the GPS3 features a clog alarm and easy maintenance without the need for special tools.



“The new GPS3 is a major technological advancement for CKD,” says Tom Carlson, CKD Technical Coordinator. “Not only does the GPS3 series detect two gaps, the GPS3 has two point output and dual alarm indicator. We are very attuned to the needs of our customers, and the GPS3 delivers the features they have been requesting.”

The GPS3 features an easy programming interface with a master gauge setup that allows the threshold value to be set with one action. The GPS3 series has a 25% smaller size compared to prior models and an almost 60% reduction in weight. In addition, the GPS3 eliminates air consumption, thereby removing exhaust noise and saving energy. Further, the design eliminates the bypass circuit allowing high air pressure up to 0.6Mpa.

“The GPS3 series is an important addition to our gap sensors,” says Mr. Carlson. “We still have the GPS2 series, but the new line adds some additional features for our customers. The GPS3 just started shipping at the end of March and the early reviews have been very positive.”

GPS3 Series Digital Gap Switch Features

Detecting distance range	0.03mm~0.4mm (one model solution)
Display	Display with estimated value number
The range of estimated value	20~500
Repeatability	±0.01mm
Electric consumption	Less than 25mA
Output style	2 points output (NPN or PNP)
Connection	M12 connector, 4 pin
Clogging alarm	Alarm indicator function

Contact CKD for price and delivery.