

Press Release

The new BPS is here!

Leuze electronic invented the BPS bar code positioning system more than 10 years ago. The second generation of these established devices is now available in the new Leuze electronic product design.

The working range of the new BPS 300*i* devices is unmatched at 50 to 170 mm. They are, thus, extremely tolerant of mechanical fluctuations that can arise in typical applications in intralogistics and in the automotive industry, for example in high-bay storage devices, telfer lines, gantry cranes or pushing platforms. Even at high traverse rates of up to 10 m/s, the reproducible accuracy is +/- 0.15 mm. BPS 300*i* devices feature an integrated Profinet interface; additional interfaces such as Profibus and SSI will follow. The modularity allows devices to be equipped with various connection technologies, integrated LED display and integrated heating for applications to -35°C. An *availability control* monitors and reports the performance reserve of the total system. The bar code tape alone is exceptionally robust: here the bars are not simply printed on top, but are instead integrated in the base material – a polyester film – through phototypesetting.

Background information

All technology and application experiences from the past ten years have been incorporated in the new BPS 300*i* product series. With bar code positioning systems, a reader, which is moved along a bar code tape, determines the precise position of the moved part. It is thereby possible to generate absolute values with millimeter precision in microseconds – meaning that up to 1000 measurement values are processed per second.



Press inquiries

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