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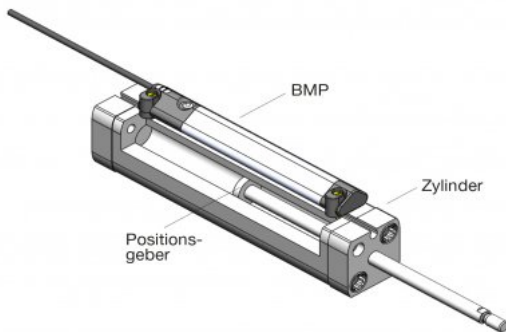
Intelligent position measuring system for absolute linear feedback

With their BMP series Balluff has added a new intelligent displacement sensor which provides not only the absolute position signal for the stroke travel of a piston via IO-Link but also information about the sensor status and the current ambient conditions.



It monitors for example the sensor temperature, the number of starts and issues warnings when a configurable limit value is violated. An internal counter continuously monitors the operating hours over the entire life of the sensor, both since the last service and the last start-up. This makes it possible to plan for a possible needed replacement at the next service interval.

The integrated IO-Link interface also offers flexibility; it enables for example fast format changes thanks to time-saving parameterization functions. This magnetic, non-contact and wear-free sensor continuously detects the absolute position of a piston, is compatible with virtually all cylinder types and is quickly installed. Preferred applications include those where the exact execution of a defined piston stroke is essential for the process and product quality, for example in assembly, handling and factory automation.



BALLUFF GmbH
Schurwaldstrasse 9
73765 Neuhausen a.d.F.
Germany
Detlef ZIENERT
Phone: +49 7158 173 0
Fax: +49 7158 173 50 10
detlef.zienert@balluff.de