

Special Products Position Sensors and Position Switches

The position sensors and switches have been developed for short distance monitoring and can be used on the one hand for monitoring valve settings and on the other as part of a closed loop control. Based on different measuring techniques, HYDAC provides different variants for a diverse range of applications.



Position switch IES 2010 / 2015 / 2020

The position switch for monitoring valve settings (end or centre position) is primarily used in stationary applications such as:

- Hydraulic presses
- Plastics machinery
- Machine tools

Special features:

- Pressure-resistant up to 400 bar
- Inductive measurement (LVDT)
- Various stroke sizes
- Output: 2 switching outputs with changeover function
- Electrical connection: M12x1 (4 pole)



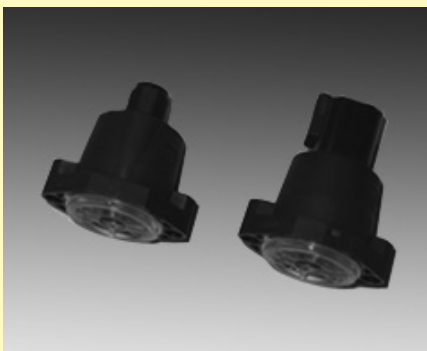
Position sensor IWE 40

The IWE 40 position sensors for short distance detection are primarily used in stationary applications such as:

- Hydraulic presses
- Plastics machinery
- Machine tools

Special features:

- Pressure-resistant up to 400 bar
- Inductive measurement (LVDT)
- Different measuring ranges (up to max. ± 7 mm)
- Output: analogue 4 .. 20 mA
- Electrical connection: M12x1 (4 pole)



Position switch HLS 200 with increased functional safety

The position switch HLS 200 is used for reliable detection of valve centre positions. They are used both in mobile and in stationary applications.

Special features:

- PL d certification
- Measuring technique: IR light barriers
- Output: 2 switching outputs with changeover function
- Electrical connection: M12x1 (4 pole); Deutsch DT 04 (4 pole)

Order details:

The position sensors and position switches are OEM products which have been especially developed for volume production customers.

For precise specifications, please contact the Sales Department of HYDAC ELECTRONIC.

Note:

The information in this brochure relates to the operating conditions and applications described. For applications or operating conditions not described, please contact the relevant technical department.

Subject to technical modifications.

HYDAC ELECTRONIC GMBH
Hauptstr. 27, 66128 Saarbrücken
Germany
Phone +49 (0)6897 509-01
Fax +49 (0)6897 509-1726
e-mail: electronic@hydac.com
Internet: www.hydac.com

