



# HYDAC INTERNATIONAL

## Electronic Area / 電子領域

### Linear Position Sensor HLT 700



HYDAC Electronic



HLT 700位置傳感器

更適合自動化小油缸的設計應用，桿徑8mm、桿頭直徑24mm。

#### DESCRIPTION

The measuring principle of the sensor for determination of position or distance is based on a magnetic-inductive principle.

Based on such non-contact and wear-free measuring system, HYDAC offer a version in a pressure-resistant housing for full integration in hydraulic cylinders.

The various output signals (e.g. analogue, or CANopen) enable the connection to all HYDAC ELECTRONIC measuring and control units as well as the linkage to other commonly used evaluation systems (e.g. SPS controls).

Linear position sensors HLT 700 are suitable for a wide range of applications as from standard applications up to diagnostic applications.

HLT 700 have particularly been designed to be integrated into small size cylinders. With rod diameter of 8 mm and head diameter of 24 mm they are integrated space saving.

#### PRODUCT ADVANTAGES

- Measuring accuracy  $\leq 1\%$
- Measuring ranges from 0 .. 50 mm to 0 .. 400 mm
- Pressure-resistant up to 450 bar
- Diameters: Rod 8 mm  
Head 24 mm
- Extremely compact design
- Very robust housing
- High shock and vibration resistance
- Very good EMC properties
- Non-contact and wear-free

#### HLT 724 for series applications

magnetic-inductive	for full integration	resolution 0.1 %
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