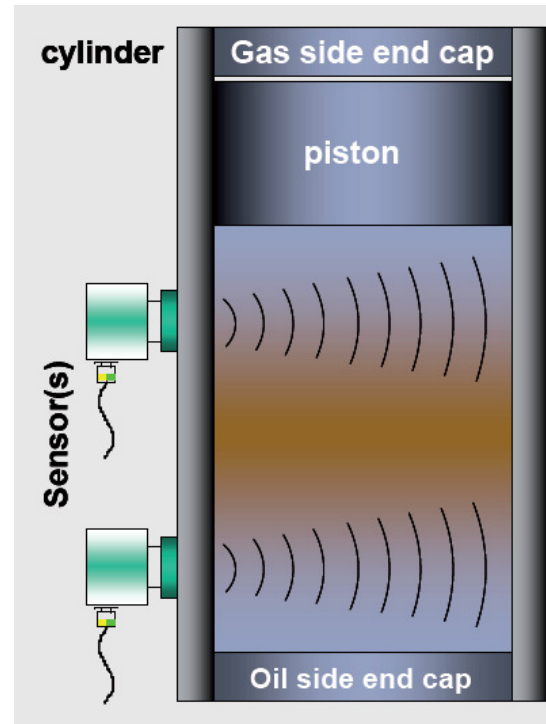


Technology Area / 科技領域

Piston position switch SK with UP-switches

HYDAC Tech-
nology



Description

With the piston position switch it is possible to detect the piston position in a piston accumulator using ultrasound. The HYDAC UP switch, as it is known, detects the transition from oil to piston at which point the signal is switched off. This is the case whether the piston lies in the sound path, or is beyond it.

The following versions are available:

BF1: standard version

viscosity of the fluid < 100 mm²/s (cSt)

BF3: special version

for high viscosity fluids < 500 mm²/s (cSt)

Versions for potentially explosive areas:

for viscosities up to 500 mm²/s (cSt)

PRODUCT ADVANTAGES

- Simple to retrofit
- Cost-effective monitoring (also remote monitoring) of the function of the piston accumulator
- Evaluation of the electrical signal possible
- Can be installed without disruption to the process or modification to the hydraulic accumulator (saves time and money)

活塞式蓄壓器超音波量測活塞位置

Piston position measured with ultrasound sensor.