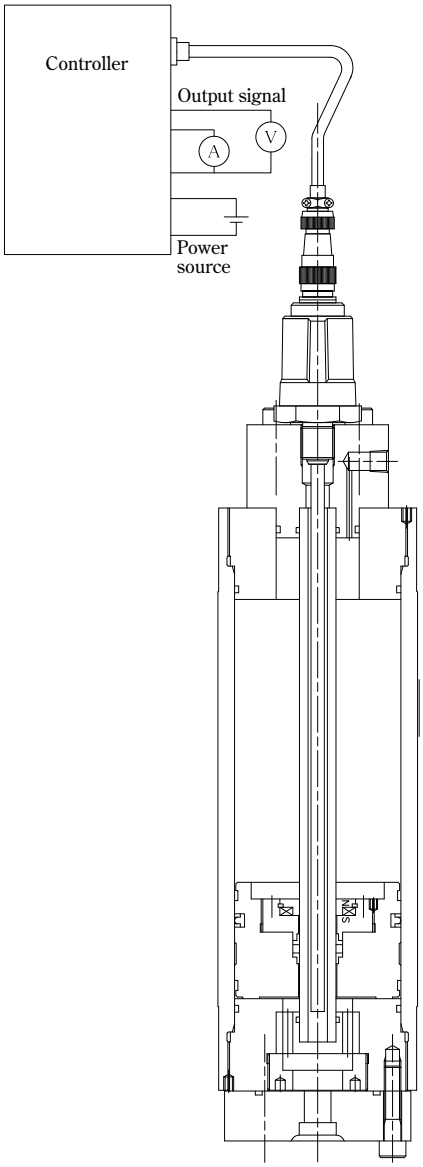
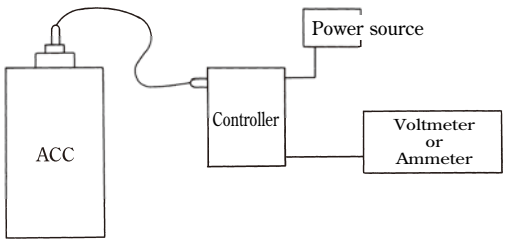
A sensor is being installed inside the piston type accumulator to comply with hydraulic systems electronically controlled, and it outputs electric signals continuously and detects the position of the piston of the accumulator.



■ Features :

- Detecting the position of the piston continuously.
- Because the available discharge amount can be confirmed by detecting the piston position, it is possible to forecast the maintenance inspection time.
- The sensor is placed at a non-pressurized area, so the life is long.
- Because the sensor is absolute type, Zero-point setting and Zero-point correction are not necessary.
- Output signal complying to voltage and current is analog, so the piston position can be easily detected.
- The output signal can be indicated in a digital counter and the signal data fetched to personal computers can be utilized to high level control system.
- A high level control is achieved by using the sensor in combination with a pressure transducer.
- It is possible to measure fuel discharge amount in detail.
- A sensor can be applied to all piston type accumulator (Ref. P20).

Example 1



Example 2