

## Leakage monitoring of the hydraulic system

Availability | Machine Protection



Series

MCH

MCH-C

MC

MCI

Control

SIEMENS Powerline

The leakage monitoring function on the hydraulic reservoir detects both creeping and sudden leaks.

### Characteristics

- \_ Fill level sensor installed on the hydraulic reservoir [replaces the standard float switch]
- \_ Measurement of gradual and abrupt leakages [from approx. 4.5 l in < 400 sec.]
- \_ Detection of defects, e.g. on coupling element of hydraulic workpiece clamp or on hydraulic clamping fixture

### Benefits

- \_ Less damage: only a limited quantity of hydraulic fluid escapes, not the entire reservoir volume
- \_ Lower costs and less standstill times through early damage detection

### Requirements

- \_ SIEMENS Powerline