

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