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