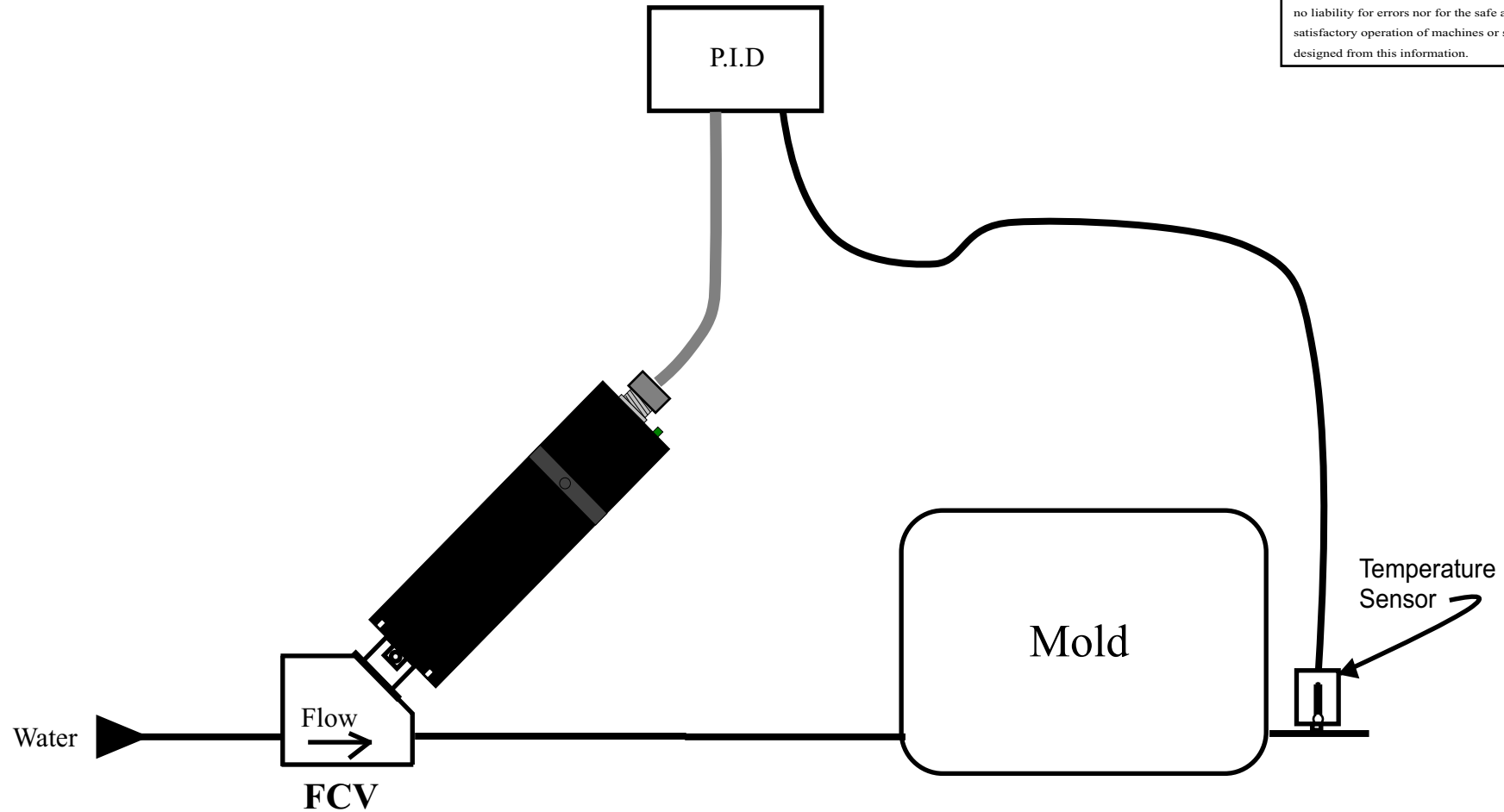


FLOW

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A FCV flow control valve can maintain the temperature in a mold. The FCV is controlling the water pressure to control flow. The temperature sensor senses the temperature casting and sends a signal to the P.I.D. The P.I.D. adjusts the command signal to the FCV to either increase or decrease the water pressure to achieve the desired temperature.

PROPORTION-AIR	
DESCRIPTION	Water Temperature Control
DRAWN BY	lpd
DRAW DATE	10/14/03
DRAWING #	DF0209A