

3.6 Accutune Set Up Group

Introduction

Accutune II automatically calculates GAIN, RATE, and RESET TIME (PID) tuning constants for your control loop. When initiated on demand, the Accutune algorithm measures a process step response and automatically generates the PID tuning constants needed for no overshoot on your process.

Fuzzy Overshoot Suppression, when enabled, will suppress or eliminate any overshoot that may occur as a result of the existing tuning parameters, as the PV approaches the setpoint.

Function Prompts

Table 3-5 ATUNE Group (Numeric Code 400) Function Prompts

Prompt		Description	Selection or Range of Setting		Factory Setting
English	Numeric Code		Numeric Code	English	
FUZZY	401	Fuzzy	0	DIS	DIS
		Overshoot Suppression	1	ENAB	
TUNE	402	Demand	0	DIS	TUNE
		Tuning	1	TUNE	
AT ERR	403	Accutune Error	0	NONE	---
		Codes (Read	3	IDFL	
		Only)	4	ABRT	
			5	RUN	