

2. PROPORTIONAL MODE DEMONSTRATION

What value and what name ...

Process variable: 55

Controller output: 35

PBbot Calculated: 22.5 Observed: 22.5

Calculate the theoretical controller output 55

... to go to zero? 82.5 ... to go to 100%? 32.5

PV value of 32.5.	Controller output	100%
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Visual estimate of the fraction of PB down from PBtop to the PV value:

Does this (approximately) agree with the controller output? Yes

PV 62.5

SP 65

Controller output 40

Does this agree with the observed output? Yes

Which way, increase or decrease, should the Manual Reset be adjusted...?

Incr

Final value of Manual Reset:

41.65

Final value of Controller output:

41.66

Did the PB bar move ...?

Yes