Throttle Valuation

This Subsystem is used to scale the throttle signal from an input of 0 to 1 to a percentage (0 to 100). Since the throttle does not always show 0 when let go, it is forced to 0 using the validity signal. This is a safty consideration. Note that when the throttle switch is on then the validity signal still goes to 0 when the throttle has been let go.