

Safety Board Properties

Key	Property	Description
42	ZERO	Bool: Is the WAM zeroed? This is set by the PC after it writes the initial motor positions to the pucks. If ZERO is true, the safety system monitors Cartesian velocity. Otherwise it monitors joint velocity.
43	PEN	Read/write the pendant state
44	SAFE	Read/write the power-up state of the WAM (for calibration only!)
45	VL1	Velocity warning limit
46	VL2	Velocity fault limit
47	TL1	Torque warning limit
48	TL2	Torque fault limit
49	VOLTL1	Volt low warning limit
50	VOLTL2	Volt low fault limit
51	VOLTH1	Volt high warning limit
52	VOLTH2	Volt high fault limit
53	PWR	Read power (unused)
54	MAXPWR	Power limit (unused)
55	IFAULT	Ignore next n faults, avoids velocity fault when initializing position
56	VNOM	Nominal operation voltage (used for calibration)