

JUMPER	PURPOSE	POSITIONS	FUNCTION	NOTES, CAUTIONS, WARNINGS
P1	Enable / disable LED indicators	GND (default)	LED indicators enabled	LED indicators are enabled all the time and will illuminate when and input/output is active
		LED	LED indicators disabled	LED indicators are disabled, but will briefly illuminate during radio transmissions
P2	Reserved for future use	Not Installed	Reserved for future use	Reserved for future use
		Not Installed		
P3	Selects between internal ground and external ground.	EXT. GND	Device uses a ground provided externally. Device MUST be powered from a REGULATED 3.0-3.3VDC supply! Correct polarity MUST be observed!	Use extreme caution in this position. If the supply voltage exceeds 3.3VDC, the device will be damaged! Useful in battery/solar powered installations where minimum quiescent current is a requirement. P4 must also be in EXT. position. Polarity of regulated 3.3VDC power must be applied properly or damage will result (see wiring diagram).
		INT. GND (default)	Device uses its own internal ground. Polarity insensitive.	Normally, this position is used.
P4	Selects between internal 3.3VDC regulated supply and external 3.3VDC supply.	EXT.	Device uses an external DC power source. Device MUST be powered from REGULATED 3.0-3.3VDC supply! Correct polarity MUST be observed!	Use extreme caution in this position. If the supply voltage exceeds 3.3VDC, the device will be damaged! Useful in battery/solar powered installations where minimum quiescent current is a requirement. P3 must also be in EXT. GND position. Polarity of regulated 3.3VDC power must be applied properly or damage will result (see wiring diagram).
		INT. (default)	Device can be powered from any external 8-30VDC or 8-28VAC supply. Polarity insensitive.	Normally, this position is used.
P5	Selects between internal pull-up or pull-down on input 1.	PULL-UP	Pulls-up input.	Connect dry contact between GND and IN1. Alternatively, the input can be driven with a DC voltage in the range 0-1VDC (TTL and CMOS compatible).
		PULL-DOWN (default)	Pulls-down input.	Connect dry contact between +3.3V and IN1. Alternatively, the input can be driven with a DC voltage in the range 3-30VDC (TTL and CMOS compatible).
P6	Selects between internal pull-up or pull-down on input 2.	PULL-UP	Pulls-up input.	Connect dry contact between GND and IN2. Alternatively, the input can be driven with a DC voltage in the range 0-1VDC (TTL and CMOS compatible).
		PULL-DOWN (default)	Pulls-down input.	Connect dry contact between +3.3V and IN2. Alternatively, the input can be driven with a DC voltage in the range 3-30VDC (TTL and CMOS compatible).
P7	Selects between internal pull-up or pull-down on input 3.	PULL-UP	Pulls-up input.	Connect dry contact between GND and IN3. Alternatively, the input can be driven with a DC voltage in the range 0-1VDC (TTL and CMOS compatible).
		PULL-DOWN (default)	Pulls-down input.	Connect dry contact between +3.3V and IN3. Alternatively, the input can be driven with a DC voltage in the range 3-30VDC (TTL and CMOS compatible).
P8	Selects between internal pull-up or pull-down on input 4.	PULL-UP	Pulls-up input.	Connect dry contact between GND and IN4. Alternatively, the input can be driven with a DC voltage in the range 0-1VDC (TTL and CMOS compatible).
		PULL-DOWN (default)	Pulls-down input.	Connect dry contact between +3.3V and IN4. Alternatively, the input can be driven with a DC voltage in the range 3-30VDC (TTL and CMOS compatible).