

Indications

The following table defines the meaning of the two LEDs (where an empty cell indicates that the pattern on the associated LED doesn't matter).

RDY	ERR	Meaning	What to Do
off	off	The module is either not receiving logic power or has failed.	Check power.
flicker*	off	Auto-addressing is in progress.	
on	on	The watchdog has timed out.	Cycle power; restart the communications.
on	off	The module has achieved all of the following: ● it has power ● it passed its confidence tests ● it is operational	
on	flicker*	An over-current error is detected.	Check wiring and field device.
	flicker*	A broken wire is detected.	Check wiring.
		Field power is absent	Check power.
		A PDM short circuit is detected.	
blink 1**		The module is in pre-operational mode.	
	blink 1**	A nonfatal error has been detected.	Cycle power; restart the communications.
	blink 2***	The island bus is not running.	Check network connections; replace NIM.
* flicker—The LED flickers when it is repeatedly on for 50 ms then off for 50 ms.			
** blink 1—The LED blinks on for 200 ms then off for 200 ms. This pattern is repeated until the causal condition changes.			
*** blink 2—The LED blinks on for 200 ms, off for 200 ms, on again for 200 ms then off for 1 s. This pattern is repeated until the causal condition changes.			

Note: The detection of error conditions on the PDM input power connection may be delayed by as much as 15 ms from the event, depending on the sensor bus load, the system configuration and the nature of the fault.
Field power faults that are local to the input module are reported immediately.