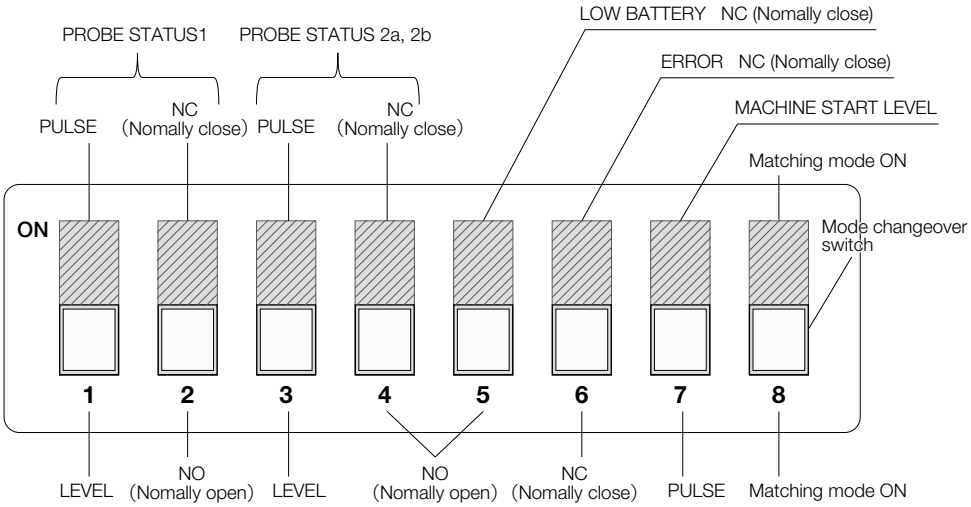
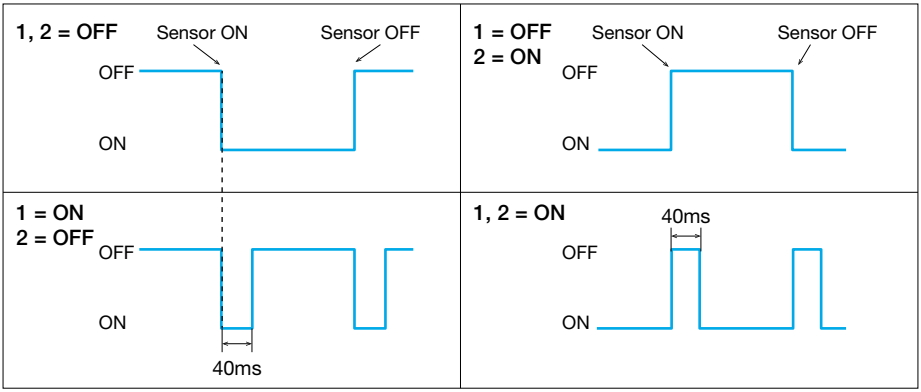
5. Parameter switch (DIP switch)

5-1 Details of parameter switch (DIP switch)



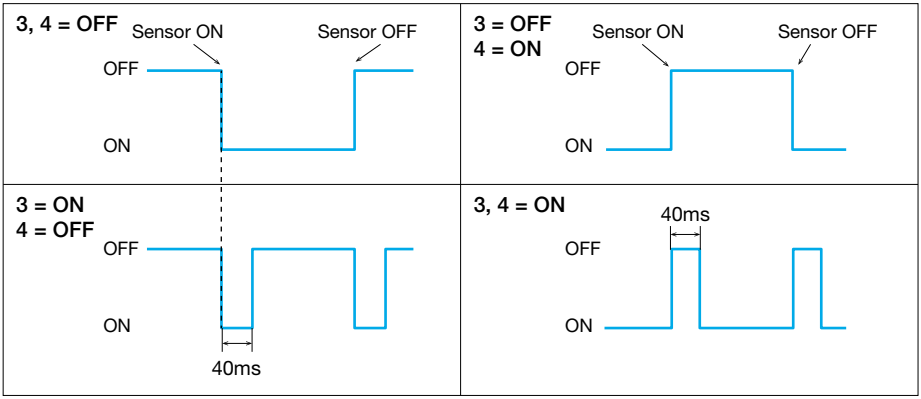
Note: The waveform is the signal output after M code (power ON signal) is applied.

Parameter switch No.	ON/OFF	Output signal	Description
1	OFF	PROBE STATUS 1	LEVEL output
	ON	PROBE STATUS 1	PULSE output
2	OFF	PROBE STATUS 1	NO (Nomally open)
	ON	PROBE STATUS 1	NC (Nomally close)

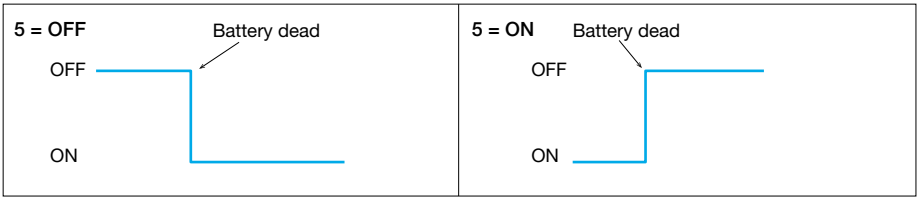


PROBE STATUS 2a = Skip signal

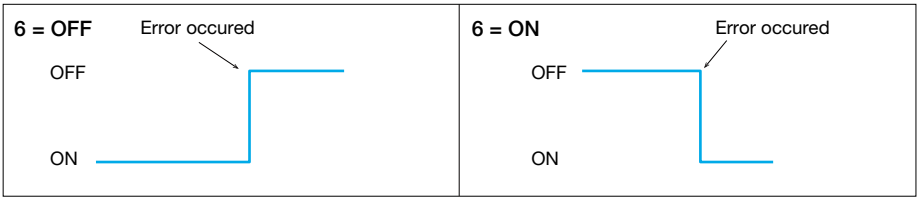
Parameter switch No.	ON/OFF	Output signal	Description
3	OFF	PROBE STATUS 2a, 2b	LEVEL output
	ON	PROBE STATUS 2a, 2b	PULSE output
4	OFF	PROBE STATUS 2a, 2b	NO (Nomally open)
	ON	PROBE STATUS 2a, 2b	NC (Nomally close)



Parameter switch No.	ON/OFF	Output signal	Description
5	OFF	LOW BATTERY	NO (Nomally open)
	ON	LOW BATTERY	NC (Nomally close)



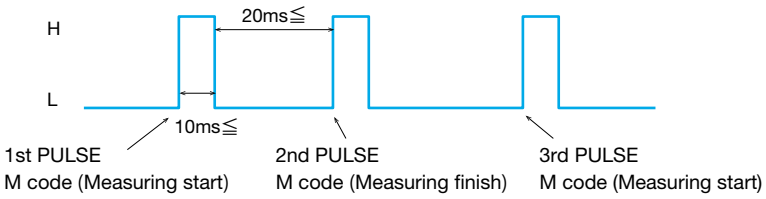
Parameter switch No.	ON/OFF	Output signal	Description
6	OFF	ERROR	NC (Nomally close)
	ON	ERROR	NO (Nomally open)



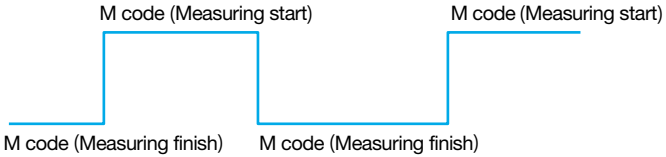
5. Parameter switch (DIP switch)

Parameter switch No.	ON/OFF	Output signal	Description
7	OFF	MACHINE START	PULSE input
	ON	MACHINE START	LEVEL input

7 = OFF



7 = ON

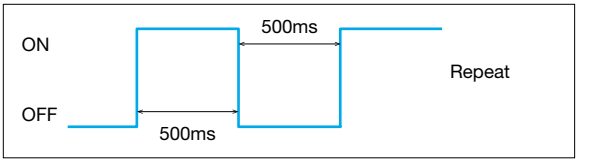


Parameter switch No.	ON/OFF	Description
8	OFF	Normal mode
	ON	Matching mode

Note: All parameter switches (DIP switches) were in OFF position at the factory default

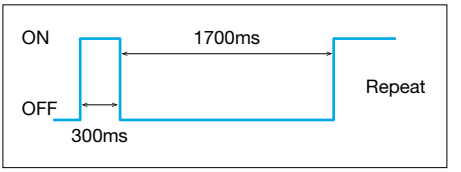
5-2 Details of LED display

1. Power LED flashing

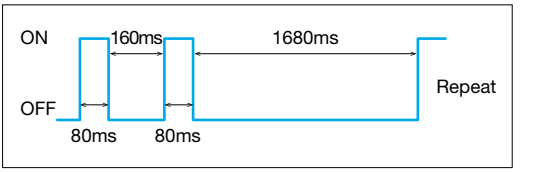


2. Com. LED flashing

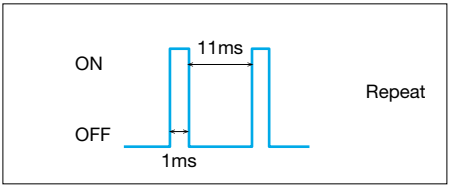
1) Transmitting NG



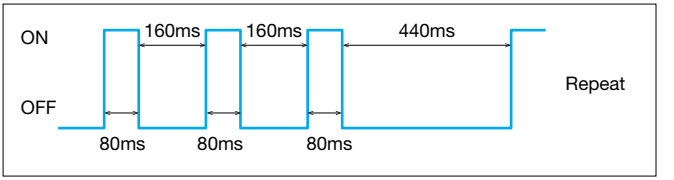
2) Transmitting NG



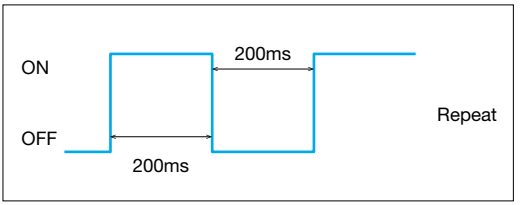
3) Unstable communication in Measuring mode: early stage



4) Incommunicable in Measuring mode：output the error signal



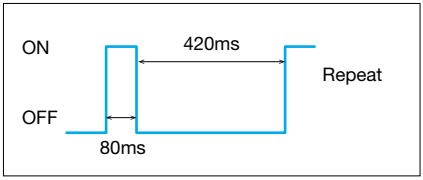
5) Inside memory problem



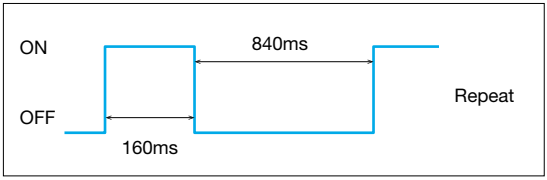
5. Parameter switch (DIP switch)

6) Matching phase

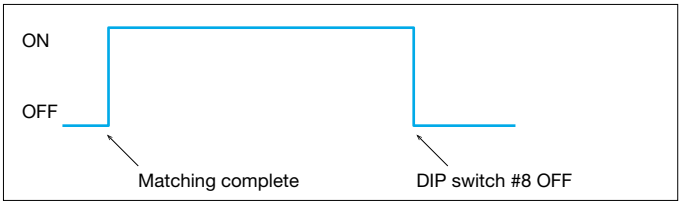
Seeking for the channel



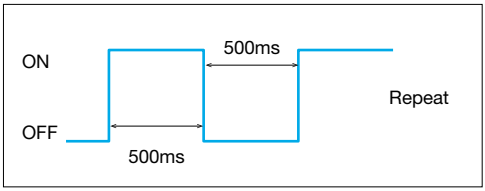
Matching complete



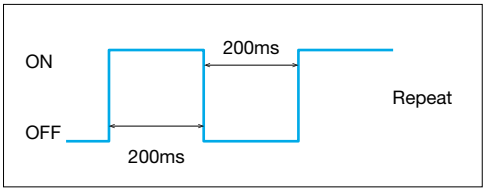
3. Batt. LED flashing



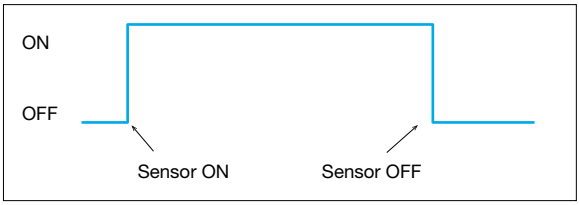
1) Matching phase



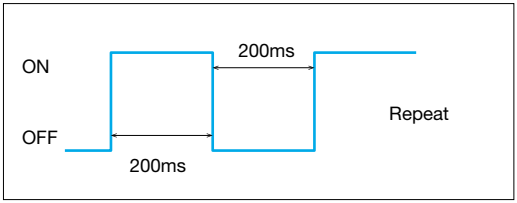
2) Inside memory problem



4. Touch LED

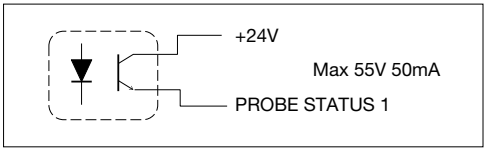


1) Inside memory problem

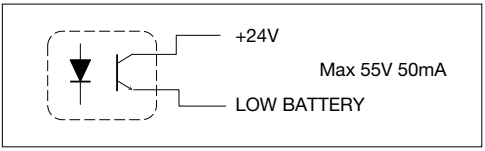


4. I/O circuit

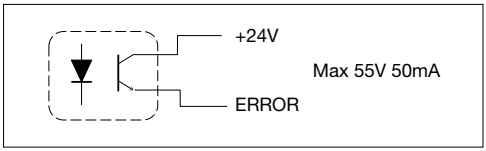
PROBE STATUS 1



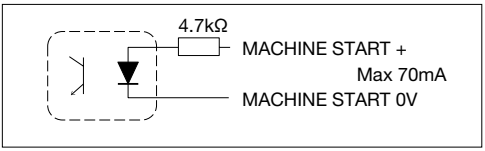
LOW BATTERY



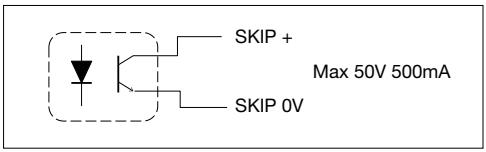
ERROR



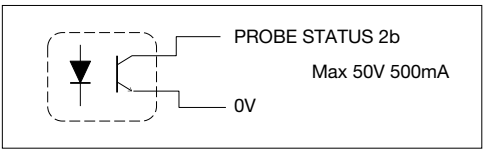
MACHINE START



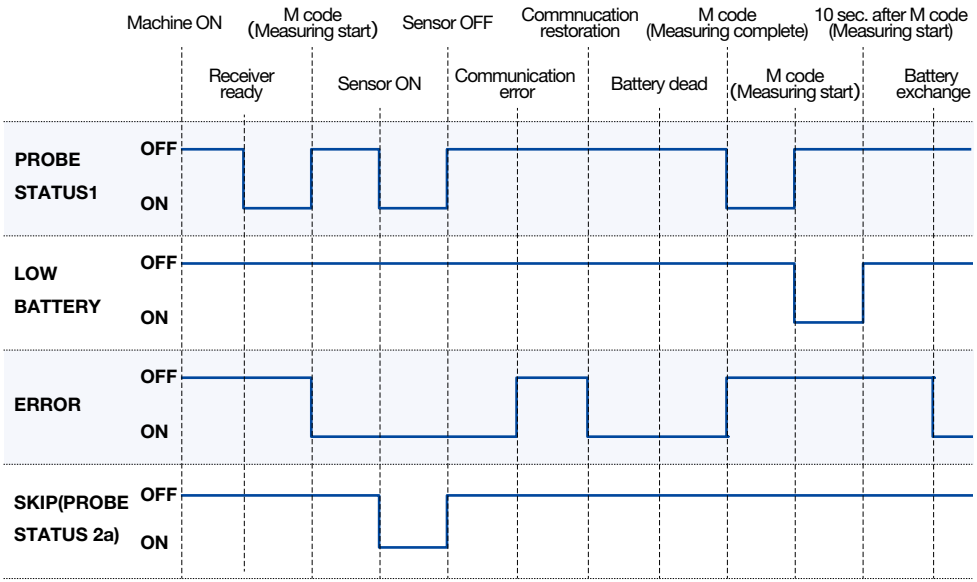
PROBE STATUS 2a (SKIP)



PROBE STATUS 2b



5. Output waveform of the receiver



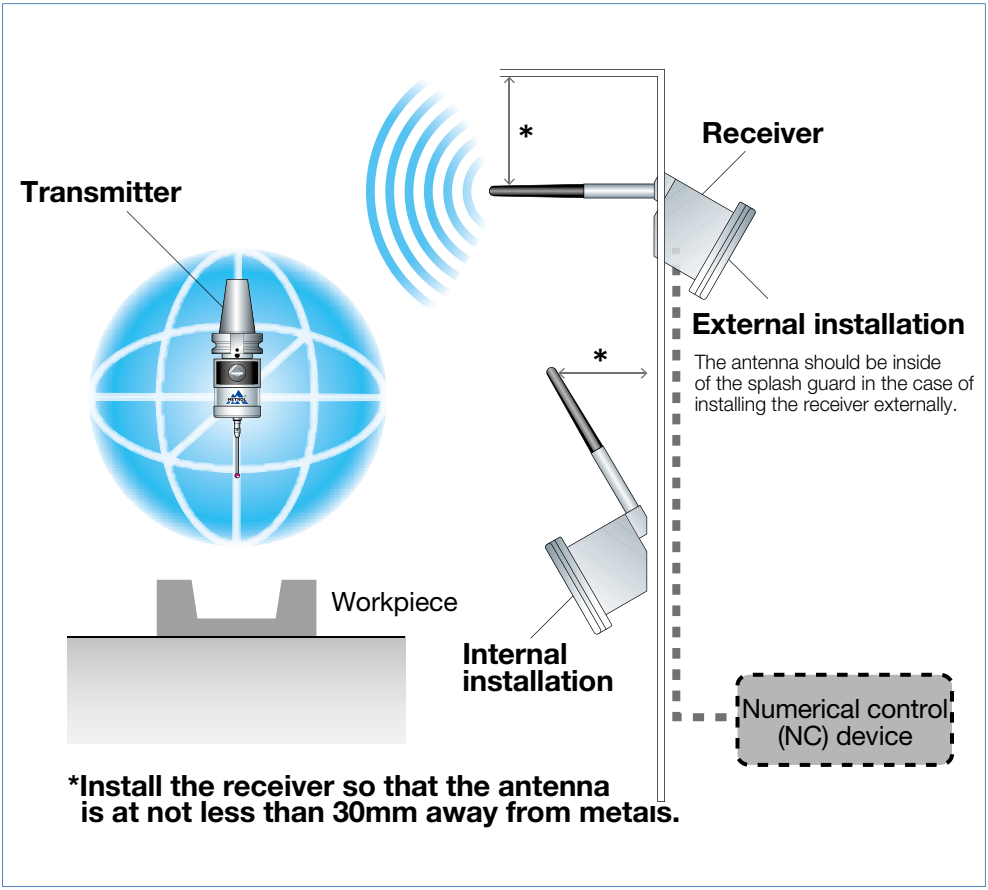
Note: These waveforms are output when all parameter switches (DIP switches) are in OFF position at the factory default setting.

6. Transmission range when conbining transmitter and receiver

Install the receiver at a location so that it can maintain communication over the movement range of the transmitter.

RC sensor series are uninterrupted by any obstacles in between the transmitter and reciver.

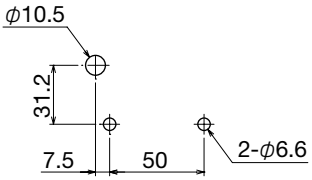
Use the communication LED display of the receiver as a reference for determining the optimum installation position.



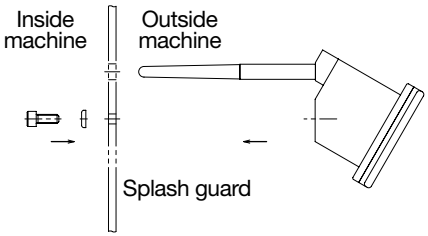
NOTE

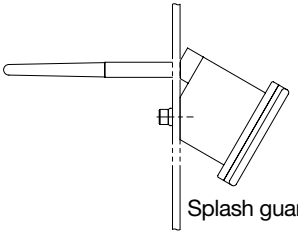
7. Receiver installation

For external installation

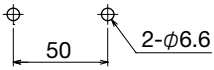


Recommended monting holes

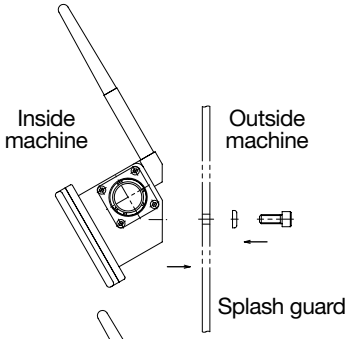


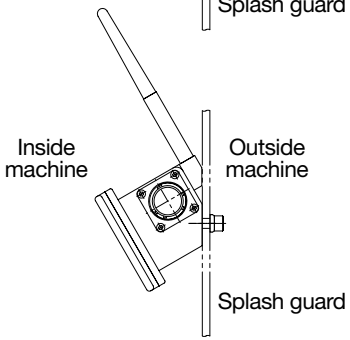


For internal installation



Recommended monting holes





Attachment of direct cable

- Since the connector provides a waterproofing function when connected, insert the connector securely and tighten the clamp nut.
- Install the cable at an adequate distance away from electromagnetic noise generation sources.
- Always make sure to connect the cable to ground when connecting.

NOTE