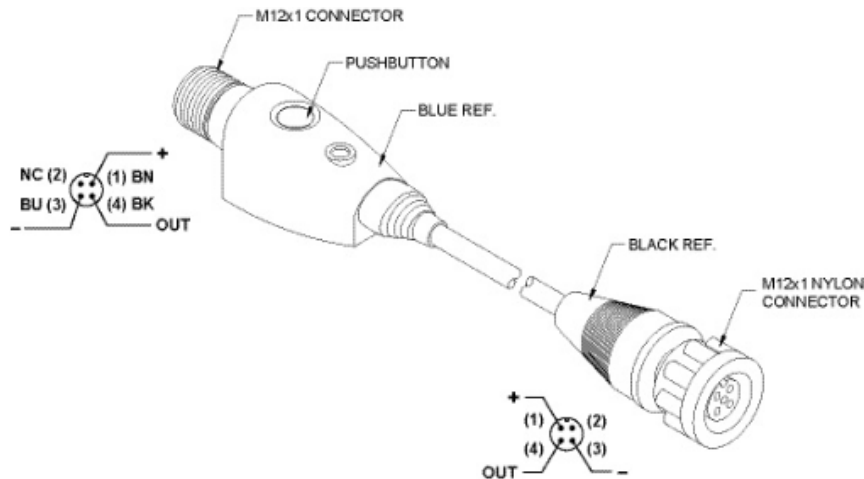


# XXZPB100 Teach Accessory

## Teaching the Sensing Window Using the XXZPB100

Before operating the VM1, VM18, or XX6V3 series sensors you should teach the sensor the “sensing window”, which is the distance between the Near and Far Limits. Attach the connector end to the sensor and the button end to your matching cable. Press and Hold the pushbutton until the LED fast flashes amber. After you hold the pushbutton for 3 seconds, the LED will slowly flash green, indicating the sensor is in “teach mode.” Release the pushbutton and the LED will continue to slowly flash green, indicating the sensor is awaiting the first Limit setting. Place a target at either the Near or Far Limit point, then press and release the button to teach this first Limit. While the pushbutton is pressed with a Target present, the LED will turn amber to indicate that a valid echo is being detected. After the first Limit has been taught successfully, the LED will slowly flash amber to indicate that the sensor is awaiting the second Limit. Place the target at the second Limit point, then press and release the pushbutton. With a Target present, the LED will turn amber to indicate that a valid echo is being detected. Upon release of the button, the second Limit is taught successfully and the LED will fast flash green for 3 seconds to indicate success. If this does not occur, repeat the “teach process” from beginning. Both the Near and Far Limit values are saved on the sensor in non-volatile memory.

If you desire to teach the sensor a “default window” around the Target, at the first Limit during the teach process press the pushbutton two times in succession, within 1 second. The LED will fast flash green for 3 seconds to indicate success. This will provide a “default window” of preset distance in front of and beyond the Target. The default window for your specific sensor is described in that Instruction set.



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