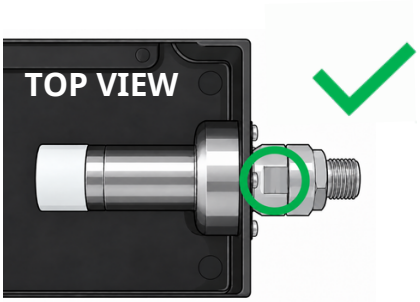
Dos and Don’ts
MicroSENS 100-VS Mounting Guide

KEY RULE

Key rule: the orientation mark must point vertically upward as seen in the first photo below. Only the rotational position is adjusted, nothing needs to be tightened.

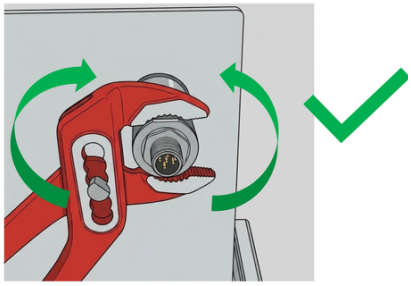
DO

Do insert the sensor in the correct orientation. Before inserting the sensor into the mounting ring, make sure the the orientation mark (circled in green here) points up vertically. This illustration shows a top view, with the orientation mark facing toward the viewer. Repositioning the sensor **after** insertion should be avoided.



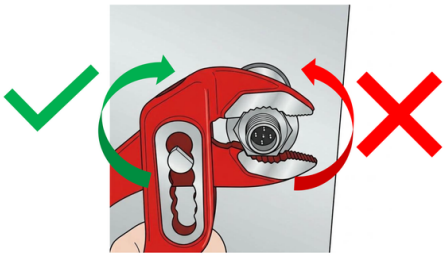
DO

Do align the sensor (if necessary) by gripping the housing. If a rotational correction is needed, turn the sensor left or right at the round rear housing section, by hand or with pliers. This is the preferred method.



DO

Do turn the hexagon nut clockwise only. This view is from the connector side. Use an appropriate open-end wrench or pliers. Do not turn the nut counter-clockwise. This can break the thread-locking bond and transfer the applied torque to the internal circuit board. This may bend the circuit board or cause the socket to break away from it.



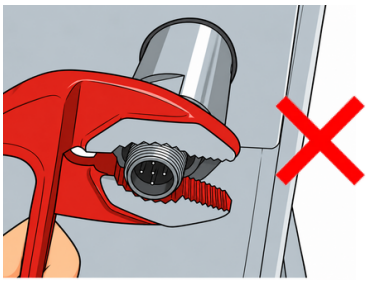
DON’T

Don't grip the cable or connector to align the sensor. Rotating the cable can damage or break the connector pins, damage the circuit board, and cause latent defects that may lead to product failure.



DON’T

Don't grip the threaded connector with pliers or other tools. Deforming or damaging the thread can prevent a proper connection.



MICRO-HYBRID