



$$V_{out} = (V_2 - V_4) \frac{R_2}{R_1}$$

Shear Force Sensor (FSS005WNSB)

$R_1 = 3.3 \text{ k}\Omega$

$R_2 = 100 \text{ k}\Omega$

Normal Force Sensor (FSS010WNSB)

$R_1 = 2.2 \text{ k}\Omega$

$R_2 = 100 \text{ k}\Omega$