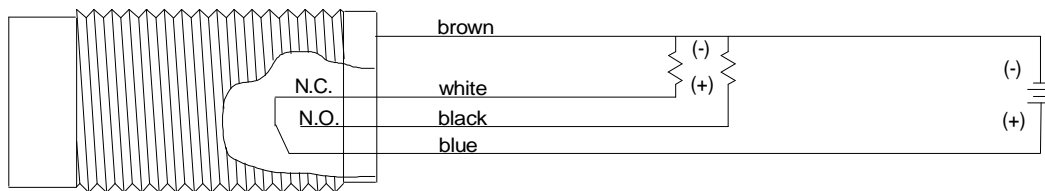
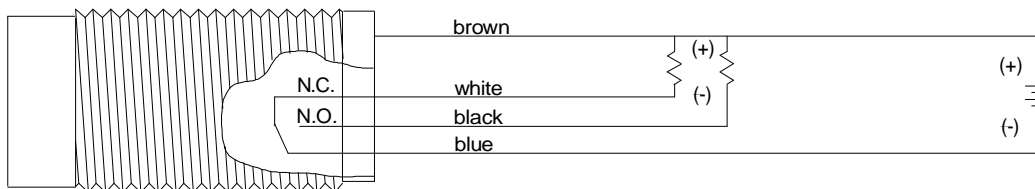


What is the PNP and NPN designation that is associated with the DC Prox Switch?

The Monitor Proximity switch is a solid state switching device. The switching component within this instrument is a transistor. Transistors are polarity sensitive and require careful attention when matching them with the electrical load to be switched.



PNP: Transistor circuit that switches the positive voltage to the load (Current Sourcing). Electrical load [  $\text{⏏}$  ] to be switch is placed between sensor and voltage supply common.



NPN: Transistor circuit that switches the common or negative voltage to the load (Current Sinking). Electrical load [  $\text{⏏}$  ] to be switch is placed between sensor and positive terminal of voltage supply.