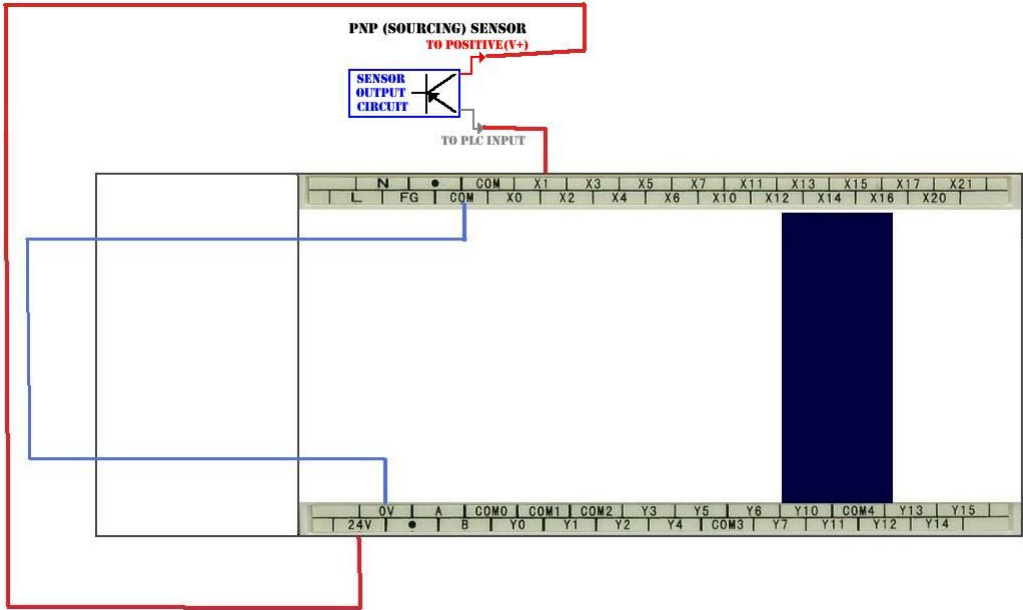


Important note:

The wiring diagram for PLC inputs in the manual refers to the NPN version of the PLCs only. The PLC sold in Europe all have PNP type of inputs, for the connection of PNP(sourcing) sensors, the wiring is therefore different to the description in the manual.

For the connection of PNP sensors, an additional 24V power source is required. Please connect 24V to the V+(Brown) of the sensor, and the sensor output(Black) to a input connector of the PLC. Both COM connector of the PLC and COM of the sensor(Blue) should be connect to the 0V. This applies to our HMI integrated PLCs as well.

The following picture shows a wiring example for a PNP sensor.



By connecting the COM connector with 24V, the X connectors will have the same 24V potential, this way the PNP versions of XC3 models(except XC3-14) can be used with NPN sensor as well:

