



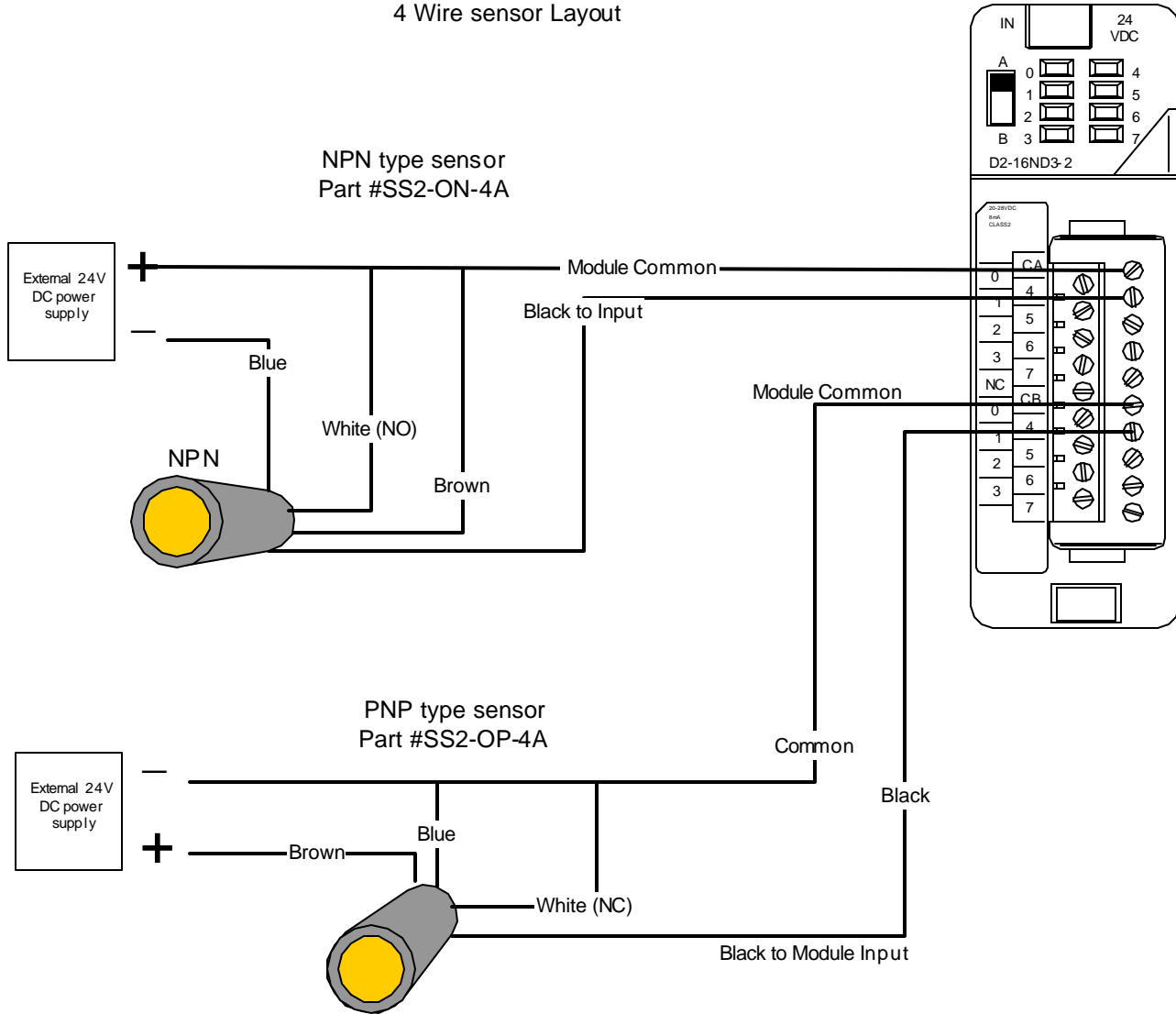
# TECHNOTES

## Wiring Diagram for NPN and PNP 4 wire sensors with the D2-16ND3-2

Product group: 205 series  
Information Type: 16 point DC input module  
Last revised: 15 Feb, 2002

Document Name: NPN\_PNP 4 wire sensors.vsd

### 4 Wire sensor Layout



Please refer to our tech support website for more info on sensors. The FAQ section may have information that can help. Click on this link

[FAQ](#)

**Question :** What output do I need? NPN or PNP?

**Answer:** This is determined by the device you are connecting the sensor to. Most ADC PLC modules (except 305 series) allow NPN or PNP sensors to be connected.

**Note:**

- Sinking = provides a path to supply common (-)
- Sourcing = provides a path to supply source (+)