Wiring Diagram for NPN and PNP 3 wire sensors with the D2-16ND3-2

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

Note: If the inductive Proximity sensor is wired incorrectly:
The sensor LED will stay ON and go OFF when activated.
(Normally Open sensor will work Normally Open)

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 (+)