

pros::ADIPort

```
classDiagram
    class pros_ADIPort["pros::ADIPort"]
    class pros_ADIAAnalogIn["pros::ADIAAnalogIn"]
    class pros_ADIAAnalogOut["pros::ADIAAnalogOut"]
    class pros_ADIDigitalIn["pros::ADIDigitalIn"]
    class pros_ADIDigitalOut["pros::ADIDigitalOut"]
    class pros_ADIEncoder["pros::ADIEncoder"]
    class pros_ADIGyro["pros::ADIGyro"]
    class pros_ADIMotor["pros::ADIMotor"]
    class pros_ADIUltrasonic["pros::ADIUltrasonic"]

    pros_ADIPort <|-- pros_ADIAAnalogIn
    pros_ADIPort <|-- pros_ADIAAnalogOut
    pros_ADIPort <|-- pros_ADIDigitalIn
    pros_ADIPort <|-- pros_ADIDigitalOut
    pros_ADIPort <|-- pros_ADIEncoder
    pros_ADIPort <|-- pros_ADIGyro
    pros_ADIPort <|-- pros_ADIMotor
    pros_ADIPort <|-- pros_ADIUltrasonic
```

The diagram illustrates a class hierarchy where `pros::ADIPort` is the base class. It has eight subclasses: `pros::ADIAAnalogIn`, `pros::ADIAAnalogOut`, `pros::ADIDigitalIn`, `pros::ADIDigitalOut`, `pros::ADIEncoder`, `pros::ADIGyro`, `pros::ADIMotor`, and `pros::ADIUltrasonic`. Each subclass is connected to the base class by a vertical dotted line with an open arrowhead pointing towards the base class.

pros::ADIAAnalogIn

pros::ADIAAnalogOut

pros::ADIDigitalIn

pros::ADIDigitalOut

pros::ADIEncoder

pros::ADIGyro

pros::ADIMotor

pros::ADIUltrasonic