

# Introdução a fiação de robôs na FRC - REV

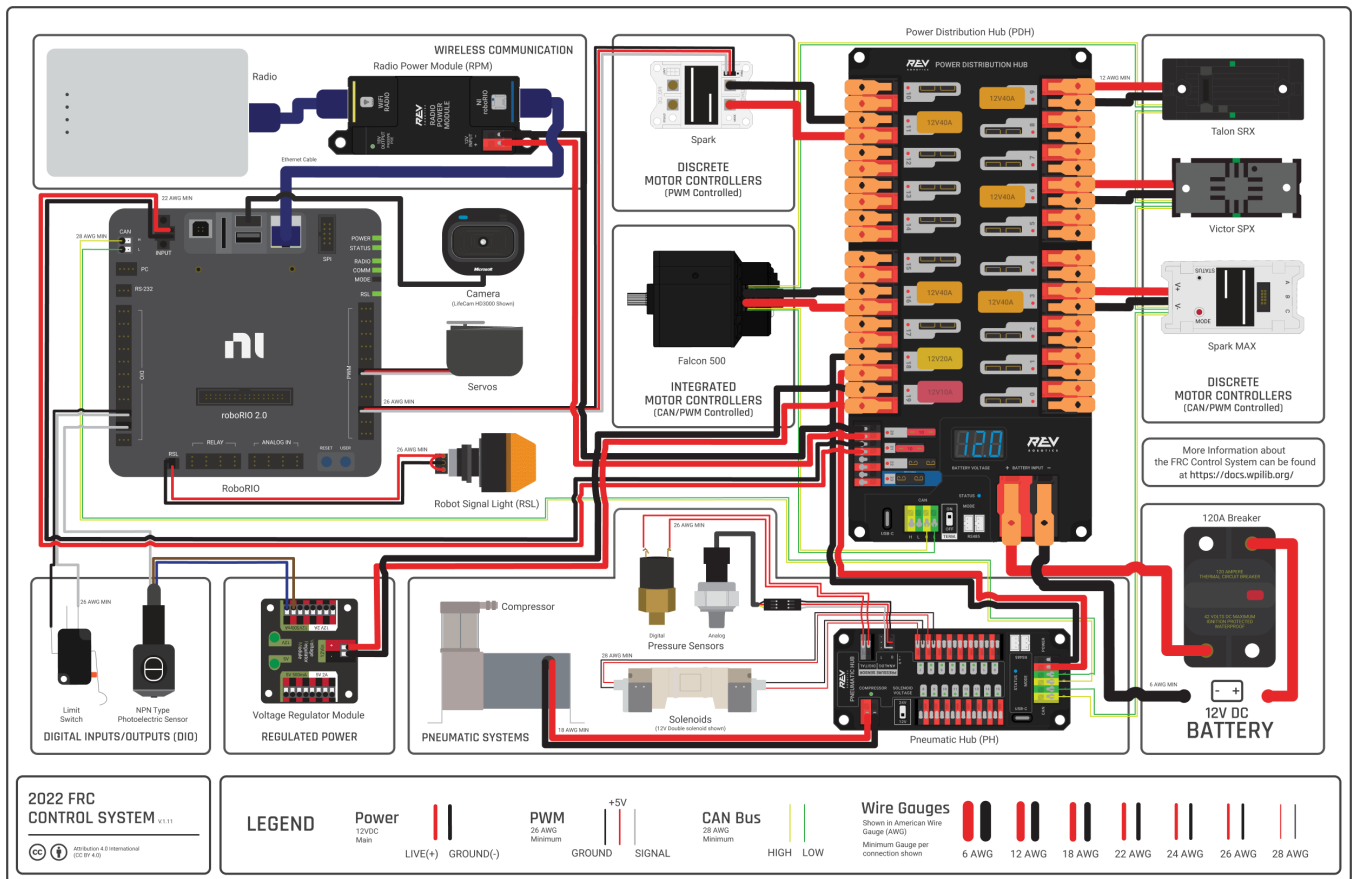


Diagrama cortesia da equipe de FRC® 3161 e Stefen Acepcion

## Junte os materiais

Localiza os itens do sistema de control e ferramentas a seguir:

- Materiais do Kit
  - Power Distribution Hub (PH)
  - roboRIO
  - Pneumatics Hub (PH)
  - Radio Power Module (RPM)

- OpenMesh radio (with power cable and Ethernet cable)
  - Robot Signal Light (RSL)
  - 4x SPARK MAX
  - 2x PWM y-cables
  - 120A Circuit breaker
  - 4x 40A Circuit breaker
  - 6 AWG (16) Red wire
  - 10 AWG (6) Red/Black wire
  - 18 AWG (1) Red/Black wire
  - 22 AWG (0.5) Yellow/Green twisted CAN cable
  - 8x Pairs of 10-12 AWG (4 - 6) (Yellow) quick disconnect terminals (16x ring terminals if using integrated wire controllers)
  - 2x Anderson SB50 battery connectors
  - 6 AWG (16) Terminal lugs
  - 12V Battery
  - Red/Black Electrical tape
  - Dual Lock material or fasteners
  - Zip ties
  - 1/4» or 1/2» (6-12 mm) plywood
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Revisão #3

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