



Example shows shielded 4-20 mA wiring on AO1 and AO2 with clip-on Ferrite.

Clip on Ferrite with 0.5" (12.7 mm) ID aperture shall be placed around all I/O wiring to the electronics board within 3" (10 cm) of the I/O terminals TB1 and TB6 of the sensor control board 420348-xx.

Kurz part number 600029-. Steward 28A2024.OA2 or FAIR-RITE 0443164151.

Included wiring (including shields) in the ferrite:

- 4-20 mA wiring
- RS-485
- DI, DO
- External 24 VDC power

Excluded wiring:

- The sensor wires and USB cable (which is only used temporarily for configuration changes.)
- AC Power wires which do not land on sensor control board 420348-xx.

Exception: Ferrite not needed if the I/O wiring is in solid conduit (ridged, EMT, solid corrugation) or braided shielded cable with the shield peripherally bonded to the enclosure exterior via a cable gland (Hawke America 501 UNIV for example).