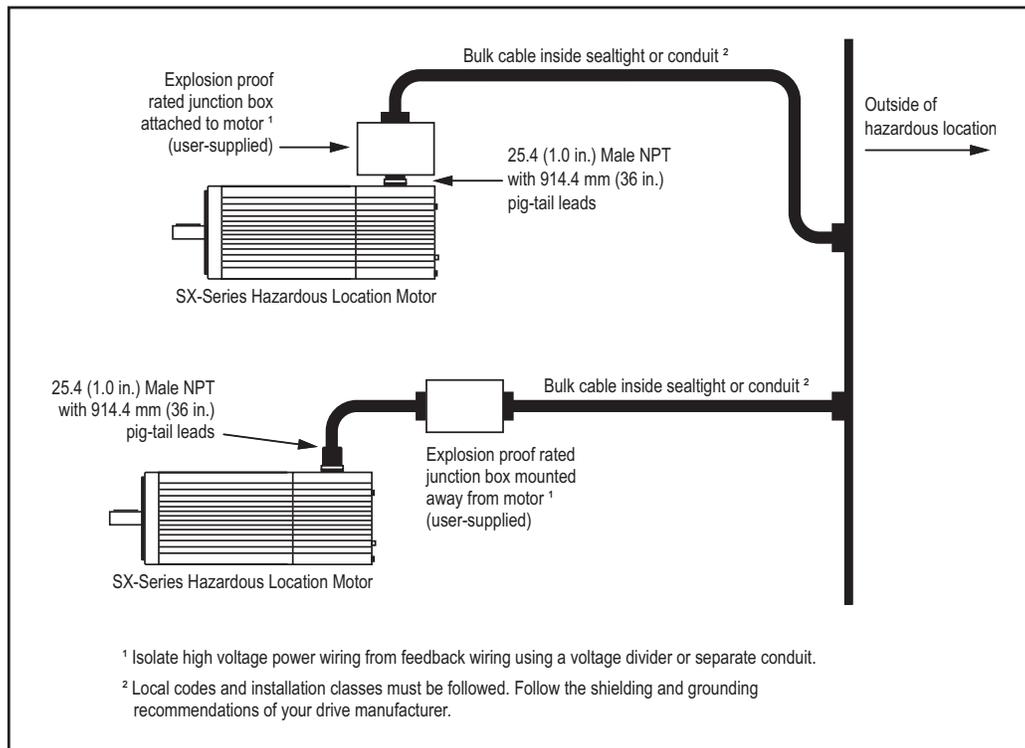


Elwood-Gettys SX-Series Motors

Connectivity Options for Hazardous Locations

- SX-Series motors are UL listed and/or ATEX certified for use in hazardous locations.
- It is the responsibility of the installer to adhere to the appropriate zone installation requirements.
- Other than the extra hazardous location requirements, installation of SX-Series motors should follow the same wiring recommendations that the drive manufacturer would use for their own motors.



SIDE EXIT NPT vs. REAR EXIT NPT

This is a customer decision based on layout of machine.

SINGLE NPT vs. DUAL NPT

SINGLE

- Allows for direct mounting of junction box.
- Minimizes overall motor length.

DUAL

- Does *not* allow for direct mounting of junction box.
- Complete separation of motor power and feedback leads.
- Longer overall motor length for 3 and 4 inch frames due to in-line NPTs.
(No change in overall motor length for 6 and 7 inch frames as NPTs are side-by-side)

LEAD LENGTH

It is best to keep attached leads as short as possible.

- Shorter leads reduce potential for damage during installations. (costly and time consuming to repair)
- Motor power leads are individual conductors (non-shielded). Minimizing the length of attached leads allows for following drive manufacturer's recommendations for shielding and grounding for the majority of the run back to the drive.