

H25S-FS-HFL Specification Sheet

SPECIFICATIONS

MECHANICAL

Shaft Loading: Radial: 40 lbs. max.
Axial: 20 lbs. max.
Starting Torque: 8.0 oz.in. @ 25°C
Moment of Inertia: 6.00×10^{-4} oz-in-sec² max.
Weight: 1.5 lbs.

ENVIRONMENTAL

Shock: 50 g's for 11 mSec
Vibration: 15 g's to 2000 Hz
Operating Temp: -20 to 125°C
Enclosure: NEMA 4
Anodized Aluminum Body
303 Stainless Steel Shaft

Extending the Integral Cable

The figure below shows the resolver designations of the transducer and the suggested way of extending the integral cable. If you follow the figure, the wiring to your controller will follow AMCI's published wiring diagrams.

Notes:

- 1) All cable junctions must be made in a grounded junction box to prevent noise from being injected into the cable.
- 2) Treat the cable shields as signal carrying conductors in all junction boxes. Keep the shields isolated from earth ground and keep them separate from each other. These practices will prevent ground loops and noise cross-talk between cable pairs.
- 3) Keep the splices as short as possible in the junction boxes.

