

PG Series

LVDT Linear Sensors

Specifically Designed and Engineered for Applications in Power Generating Steam Turbine Control Systems

There has never been anything like the Alliance Sensors PG Series LVDT Linear Sensors for power gen use. Designed and engineered to survive long term in the rough environment of the steam turbine deck, these PG sensors bring a new level of confidence and reliability to this application.

Four easy steps to configuring your Alliance Sensors PG Sensor:

1. Choose the type of sensor:
 - HD** for Heavy Duty
 - SD** for Super Duty

2. Choose the measuring range:
 - 0203** for 0-2 to 0-3 inches (0-50 mm to 0-75 mm)
 - 0406** for 0-4 to 0-6 inches (0-100 mm to 0-150 mm)
 - 0609** for 0-6 to 0-9 inches (0-150 mm to 0-230 mm)
 - 0912** for 0-9 to 0-12 inches (0-230 mm to 0-305 mm)
 - 1215** for 0-12 to 0-15 inches (0-305 mm to 0-380 mm)
 - 1216** for 0-12 to 0-16 inches (0-305 mm to 0-405 mm)

3. Choose the connecting rod joint:
 - BJ** Ball Joint coupling to help installation problems due to slight misalignments

 - RN** Rigid Nut coupling for well-aligned installations

4. Choose the rod coupling size:
 - 6L** 3/8-24 x 3/4 inch deep (Rigid Nut coupling only)
 - 6XL** 3/8-24 x 1 inch deep (Ball Joint and Rigid Nut coupling)

(See note below)

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HD for Heavy Duty
SD for Super Duty

0203 for 0-2 to 0-3 inches
0406 for 0-4 to 0-6 inches
0609 for 0-6 to 0-9 inches
0912 for 0-9 to 0-12 inches
1215 for 0-12 to 0-15 inches
1216 for 0-12 to 0-16 inches

BJ for Ball Joint
RN for Rigid Nut

6XL 3/8-24 x 1 inch
6L 3/8-24 x 3/4 inch
 [See note below]

Note: Versions with no rod coupling size noted or specified will be supplied with a 6XL size rod coupling.