

# PG Series LVDT Linear Sensors

Model Number Configurator

*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) |
3. Choose the connecting rod joint:
 

|    |   |
|----|---|
| BJ | Ball Joint coupling to help installation problems due to misalignment |
| RN | Rigid Nut coupling for well-aligned installations                     |
4. Choose the rod coupling size:  
(See note below)
 

|    |   |
|----|---|
| 3S | 10-32 x 1/2 inch deep (Rigid Nut coupling only)   |
| 4S | 1/4-28 x 1/2 inch deep                            |
| 5S | 5/16-24 x 1/2 inch deep (Rigid Nut coupling only) |
| 6S | 3/8-24 x 1/2 inch deep                            |
| 6L | 3/8-24 x 3/4 inch deep                            |

**PG**   -     -   (   ) (See note below)

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

BJ for Ball Joint  
RN for Rigid Nut

3S for 10-32 x 1/2 inch  
4S for 1/4-28 x 1/2 inch  
5S for 5/16-24 x 1/2 inch  
6S for 3/8-24 x 1/2 inch  
6L for 3/8-24 x 3/4 inch

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

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