WATERPROOF (IP68) LVDT’S
WITH ÷5 Vdc OR 0 TO 10 Vdc OUTPUT

The LD660 Series rugged LVDT’s are designed for use in wet or challenging environments in industrial control applications. They are available with either a ±5 Vdc output with zero volts out at center position or a 0 to 10 Vdc with zero volts out at the extended position. All models carry an IP68 environmental rating and utilize a screw mount configuration for easier installation. They are spring loaded and include a ball tip and screw mounting fixture.

SPECIFICATIONS
Linearity: <0.2% FSO
Excitation Voltage: 10 to 30 Vdc
Output:
LD660: ± 5 Vdc
LD661: 0 to 10 Vdc
Output Ripple: 0.02% FSO
Bandwidth: 500 Hz (-3 dB)
Storage Temp: -20 to 85°C (-4 to 185°F)
Operating Temp: 0 to 65°C (-4 to 149°F)
Temperature Coefficient: <0.03% FSO/°C (0.017%/° F)
Vibration (Sinusoidal):
10 to 50 Hz: 1 to 10 g rms linear
50 Hz to 1 kHz: 10 g rms
Shock: Drop test 1 m (3’) onto hard surface
Connection: 6 pin MS type axial connector includes mating connector with 3 m (9’) cable
Environmental Sealing: IP68
Body Material: 300 series stainless steel
Core Material: Nickel-iron

LD660 Series
RoHS

Rugged Construction for Washdown and Harsh Environments
Extra Protection Against Electrical Interference
MS Type Axial Connector
Stainless Steel Body and Core Carrier
IP68 Environmental Rating
Screw Mount Design

± 2.5 to ± 25 mm Bi-Directional
0-5 to 0-50 mm Uni-Directional

Sealing mating connector with 3 m (9’) cable included.

LD660-7.5 shown actual size.
**To Order**  Visit omega.com/ld660 for Pricing and Details

**MODEL NO.** | **RANGE mm (inch)** | **COMPATIBLE METERS***
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**LD660 SERIES ± 5 Vdc OUTPUT**
LD660-2.5 | -2.5 to 2.5 (± 0.1) | DP41-E, DP25B-E, DPI Series
LD660-5 | -5 to 5 (± 0.2) | DP41-E, DP25B-E, DPI Series
LD660-7.5 | -7.5 to 7.5 (± 0.3) | DP41-E, DP25B-E, DPI Series
LD660-10 | -10 to 10 (± 0.4) | DP41-E, DP25B-E, DPI Series
LD660-15 | -15 to 15 (± 0.6) | DP41-E, DP25B-E, DPI Series
LD660-25 | -25 to 25 (± 1.0) | DP41-E, DP25B-E, DPI Series
**LD661 SERIES 0 to 10 Vdc OUTPUT**
LD661-5 | 0 to 5 (0 to 0.2) | DP41-E, DP25B-E, DPI Series
LD661-10 | 0 to 10 (0 to 0.4) | DP41-E, DP25B-E, DPI Series
LD661-15 | 0 to 15 (0 to 0.6) | DP41-E, DP25B-E, DPI Series
LD661-20 | 0 to 20 (0 to 0.8) | DP41-E, DP25B-E, DPI Series
LD661-30 | 0 to 30 (0 to 1.2) | DP41-E, DP25B-E, DPI Series
LD661-50 | 0 to 50 (0 to 2.0) | DP41-E, DP25B-E, DPI Series

Comes complete with mating connector with 3 m (9') cable.

*For compatible meters visit omega.com/meters

Ordering Example: LD660-10, rugged displacement sensor with ± 10 mm stroke and ± 5 Vdc output.
LD651-30 rugged displacement sensor with 0 to 30 mm stroke and 0 to 10 Vdc output.