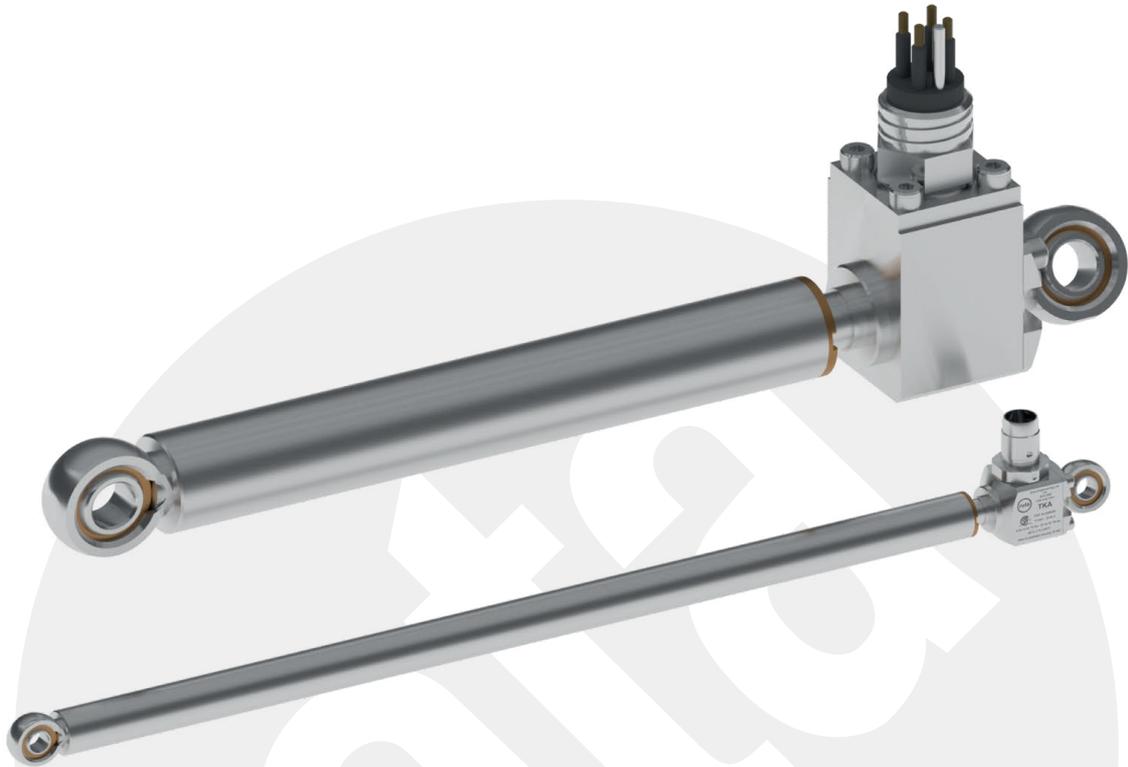




LN SERIES LINEAR TRANSDUCER DATA SHEET

Normal Duty Pin-Mounted Transducer

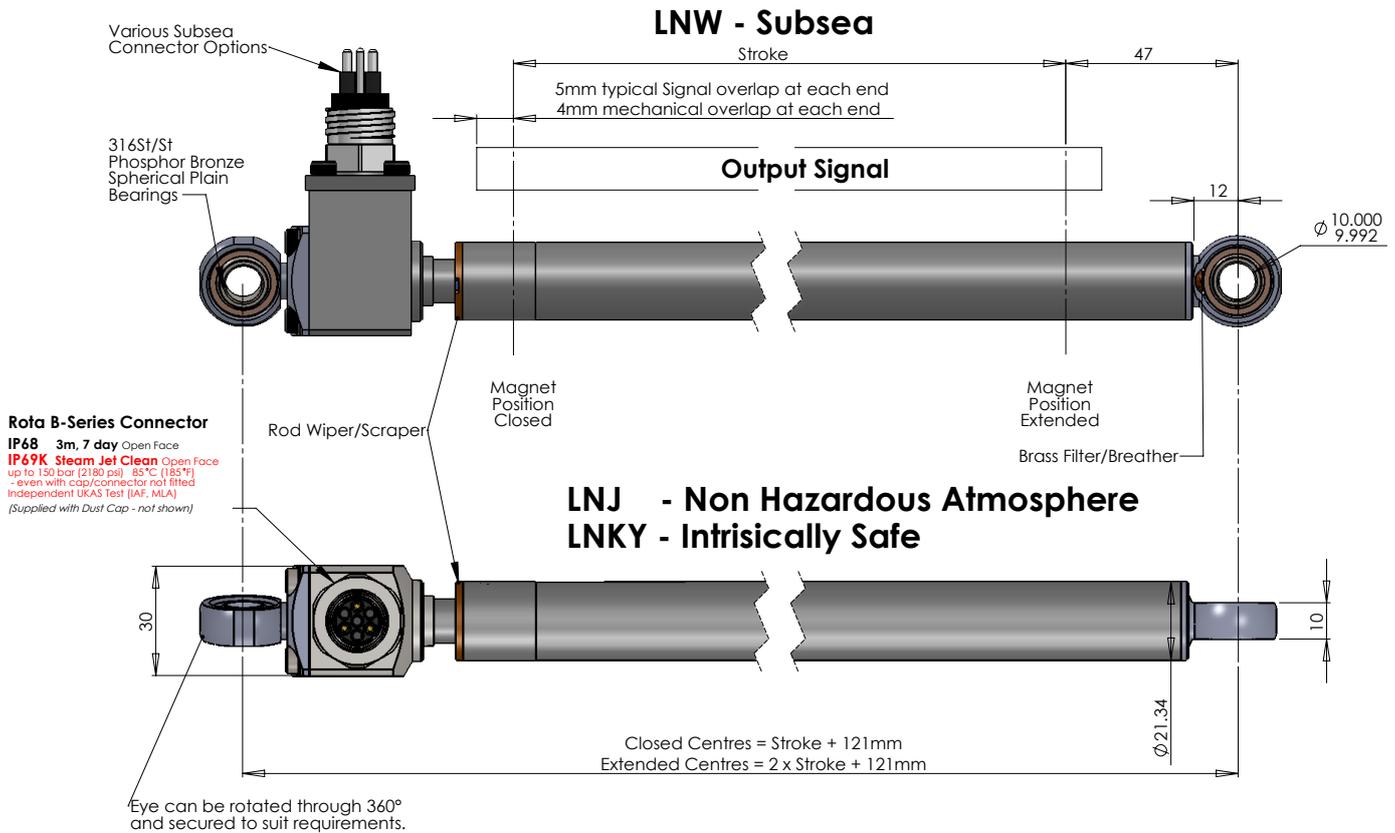


LN SERIES OVERVIEW

- 0.1 mm resolution
- 0.2 mm non-linearity
- Compact and robust 316 stainless steel construction
- Excellent shock and vibration resistance
- IP69K steam jet clean open face 316 stainless steel Rota B Series connector option
- Subsea version with various connector options - LNW
- Intrinsically safe version - LNKY
- Absolute signal
- CANbus Options
- -40°C/F temperature rating



RELIABLE OPERATION TOUGH APPLICATION



LN	J	S	200	0.1	T	R	B	C	1234
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LN Series
Normal Duty Pin
Mounted Linear
Transducer

- J** = Non-Hazardous Atmosphere
- KY** = Intrinsically Safe Application
- W** = Subsea
- S** = Special Metalwork

Stroke (mm)

Signal Resolution (mm)

Output Signal for LNJ and LNW

- A*** = Current 4 - 20 mA (3 wire) (13 - 32 V Input)
 - T*** = Current 4 - 20 mA (2 wire) (11 - 28V Input)
 - F** = Voltage 0.25 to 4.75 V (9 - 32 V Input)
 - G** = Voltage 0.5 to 4.5 V (9 - 32 V Input)
 - H** = Voltage 0.5 to 10.0 V (13 - 32 V Input)
 - L** = Voltage 0.5 to 4.5 V (5 - 10 V Input)
 - V** = Voltage 0.5 to 5.0 V (9 - 32 V Input)
 - P** = P.W.M 500 Hz
 - O** = CANopen
 - J** = SAE J1939
- * Output signal type "A" designed for a 24V Input, 500ohm load and output signal type "T" designed for a 12V Input, 250ohm load. For other input voltages and load resistances please inform Rota.

Unique Transducer Calibration Number

Mounting Bearing

C = Stainless Steel rod eyes 316L

Electrical Termination

- B** = Rota B Series Connector
- J** = Integrated M12 Connector
- UH** = Mud resistant / fire resistant cable with bend relief gland
- UJ** = Mud resistant / flame retardant cable with bend relief gland
- 1** = Subsea connector indicated by number

R = Reversible Signal

LNKY Intrinsically Safe
For input voltage, load resistance and current consumption see customer instruction sheet.

CANbus not available on Intrinsically Safe.