



LU SERIES LINEAR TRANSDUCER DATA SHEET

Ultra Heavy Duty Pin-Mounted Transducer



LU SERIES OVERVIEW

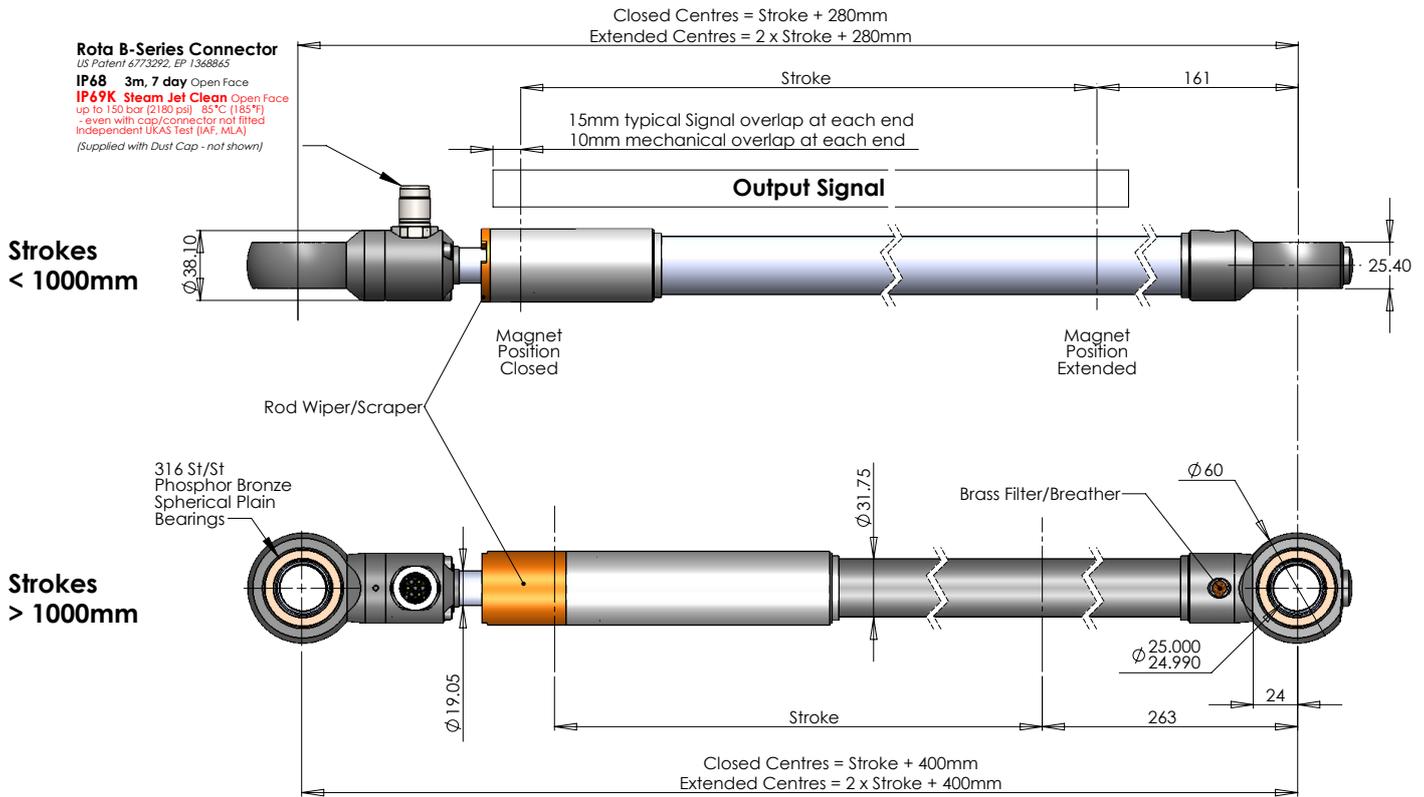
- Ultra-robust 316 stainless steel construction
- Excellent shock and vibration resistance
- IP69K steam jet clean open face 316 stainless steel Rota B Series connector option
- -40°C/F temperature rating
- Absolute signal
- CANbus Options
- Intrinsically safe version - LUKY
- Redundant dual signal version - LUR
- Subsea version with various connector options - LUW



RELIABLE OPERATION TOUGH APPLICATION



LN EXAMPLE DRAWING AND ORDER CODE



LU R J S 1600 UW 0.3 A R B 9 C 1234

LU Series Ultra Heavy Duty Pin Mounted Linear Transducer

- R = Redundant
- J = Non Hazardous Atmosphere
- KY = Intrinsically Safe Application
- W = Subsea

S = Special Metalwork

Stroke (mm)

- N = For strokes less than 1000mm
- UW = For strokes more than 1000mm

Signal Resolution (mm)

Output Signal for LUJ, LUR and LUW

- A* = Current 4 - 20 mA (3 wire) (13 - 32V 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

Connector Orientation

9 = 90 degree to Mounting Bearing

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

LUKY Intrinsically Safe

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

CANbus not available on Intrinsically Safe.



RELIABLE OPERATION TOUGH APPLICATION

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