

Define the space. Then define the force.

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Blank requirements form - not a model datasheet, quotation or calibration certificate.

1 Contact name / organisation / work email

2 Application / delivery country / prototype or production quantity

3 Candidate series / original manufacturer, exact part and drawing revision

4 Maximum OD / installed height / base support / thread and engagement

5 Cable exit, bend space, flex cycle and connector

6 Normal load / preload / peak load / overload stop / force unit (N, kgf, lbf)

7 Smallest useful force change / sample rate / bandwidth / channel timing

Specify the chain. Agree the evidence.

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8 Output: mV/V / handheld / USB / 0-10 V / 4-20 mA / RS485

9 Excitation / bridge resistance / power budget / output mapping

10 Body, cable, connector and amplifier temperature (separately)

11 Thermal dwell / gradients / cycling / fluids / cleaning / ingress needs

12 Required records: outline PDF / STEP / calibration / material / quality

Before fixture release, confirm:

- ☐ Released OD, height, radius, base support and mounting tolerances
- ☐ Exact force range, overload, deflection and natural frequency
- ☐ Excitation, wiring, shielding and complete-chain calibration conditions
- ☐ Body temperature rating separate from cable and electronics ratings
- ☐ Record identifiers, force points, uncertainty and traceability chain
- ☐ Sample acceptance, revision control, quotation and delivery schedule

A reference photo or candidate series does not establish drop-in equivalence.

Attach the installation section view privately through the RFQ form (up to 3 MB).