PPS-PRZ-M10 - Miniature threaded bridge configuration

Source-documented quotation configuration. Final specifications, availability, price and delivery require written confirmation.

Source model: CYG507. Catalogue data is not a serial-unit calibration record or an approved manufacturing drawing.



Edited supplier photograph - CYG507

Output	Differential millivolts; bridge-compatible conditioning
Pressure reference	Gauge or sealed gauge; exact variant to confirm
Source temperature	-40 to +85 deg C or -55 to +125 deg C source options; confirm ordered option
Output level	Source 30-130 mV full scale; 80 mV typical, not range-paired
Mount	M2: M8x1 / Dia 5.5 sensing tip; M3: M6x0.75 / Dia 5 sensing tip; L1: Dia 6.5 smooth rod. Confirm exact source outline.
Medium	compatible non-corrosive clean liquids and gases
Excitation	Source alternatives: 1 or 1.5 mA, or 12 VDC; exact four-wire option to confirm

Ranges retain their source diameter-group mapping. Dia 5/Dia 5.5 in the threaded sketches labels the pressure-end tip, not the complete body. Final interface/range pairing requires review.

Source ranges and response limits

Full scale	Source sensitivity	Natural / resonant frequency	Catalogue rise	Variant note
0.8 MPa / 8 bar / 116.0 psi	Not range-paired	Not range-paired / not stated	Not stated	Dia 6.5 smooth-rod L1 source arrangement; no thread shown
1.6 MPa / 16 bar / 232.1 psi	Not range-paired	Not range-paired / not stated	Not stated	Dia 6.5 smooth-rod L1 source arrangement; no thread shown
2 MPa / 20 bar / 290.1 psi	Not range-paired	Not range-paired / not stated	Not stated	Dia 5 / M3 or Dia 5.5 / M2 pressure-end tip groups; confirm exact variant
4 MPa / 40 bar / 580.2 psi	Not range-paired	Not range-paired / not stated	Not stated	Dia 5 / M3 or Dia 5.5 / M2 pressure-end tip groups; confirm exact variant
6 MPa / 60 bar / 870.2 psi	Not range-paired	Not range-paired / not stated	Not stated	Dia 5.5 / M2 pressure-end tip group; confirm exact variant
8 MPa / 80 bar / 1160.3 psi	Not range-paired	Not range-paired / not stated	Not stated	Dia 5.5 / M2 pressure-end tip group; confirm exact variant
10 MPa / 100 bar / 1450.4 psi	Not range-paired	Not range-paired / not stated	Not stated	Dia 5.5 / M2 pressure-end tip group; confirm exact variant
20 MPa / 200 bar / 2900.8 psi	Not range-paired	Not range-paired / not stated	Not stated	Dia 5.5 / M2 pressure-end tip group; confirm exact variant

Source natural-frequency envelope: 280-400 kHz for the 5/5.5 mm source diameter groups; 200 kHz for the 6.5 mm smooth rod. These are not calibrated flat bands or exact range-paired responses.

Resonance is not calibrated flat bandwidth. Catalogue rise-time percentage and incident/reflected geometry require confirmation where unspecified.

Confirm before accepting a final specification

1. Confirm exact pressure reference, excitation, sensitivity and pinout for the quoted assembly.

2. Request usable installed response and the required calibration deliverables.

3. Obtain an approved dimensional/port drawing; catalogue dimensions do not establish a drop-in fit.

4. Conditioner selection lists 100/200 kHz choices but the standard-conditioner footnote says 20 kHz; confirm the exact high-bandwidth circuit.

Source and quotation path

CYG507 supplier table and installation source

http://www.sqsensor.com/content/?185.html

Request this configuration at PiezoPressureSensor.com

Supply pressure reference, actual extrema, event response, medium, temperature, port drawing and conditioning requirements. Ask for the approved drawing and any unit-specific calibration evidence required by your acceptance plan.