PPS-PRZ-D10 - DC + dynamic bridge pressure configuration

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

Source model: CYG401. Catalogue data is not a serial-unit calibration record or an approved manufacturing drawing.



Edited supplier photograph - CYG401

Output	Differential millivolts; bridge-compatible conditioning
Pressure reference	Not specified in source table; confirm gauge/absolute/reference
Source temperature	-40 to +85 deg C or -55 to +125 deg C source options; confirm ordered option
Excitation	Source alternatives: 1 or 1.5 mA, or 12 VDC; select exact bridge variant
Mount	M20x1.5; source front nose span 12 mm. Usable engagement, seal and exact installation require confirmation.
Medium	non-corrosive, nonconductive media compatible with silicon and stainless steel
Conditioner choices	Source selection page lists 20/100/200 kHz options; this is not the bare-sensor flat bandwidth

Discrete source full-scale options; sensitivity is not paired by range in the inspected table.

Source ranges and response limits

Full scale	Source sensitivity	Natural / resonant frequency	Catalogue rise	Variant note
1 MPa / 10 bar / 145.0 psi	Not range-paired	180 kHz	1 us	Source pair; rise-time definition not given
2 MPa / 20 bar / 290.1 psi	Not range-paired	240 kHz	1 us	Source pair; rise-time definition not given
4 MPa / 40 bar / 580.2 psi	Not range-paired	320 kHz	0.5 us	Source pair; rise-time definition not given
6 MPa / 60 bar / 870.2 psi	Not range-paired	250 kHz	0.5 us	Source pair; rise-time definition not given
10 MPa / 100 bar / 1450.4 psi	Not range-paired	320 kHz	0.5 us	Source pair; rise-time definition not given
20 MPa / 200 bar / 2900.8 psi	Not range-paired	450 kHz	0.3 us	Source pair; rise-time definition not given
40 MPa / 400 bar / 5801.5 psi	Not range-paired	600 kHz	0.3 us	Source pair; rise-time definition not given
60 MPa / 600 bar / 8702.3 psi	Not range-paired	800 kHz	0.2 us	Source pair; rise-time definition not given
100 MPa / 1000 bar / 14503.8 psi	Not range-paired	1000 kHz	0.2 us	Source pair; rise-time definition not given

Natural frequency is not a flat bandwidth rating. No installed amplitude/phase calibration is established by this catalogue.

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. Constant-current bridge excitation is not a two-wire IEPE interface.

Source and quotation path

CYG401 supplier table and installation source

http://www.sqsensor.com/content/?173.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.