PPS-CHG-F10 - Flush charge-output pressure configuration

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

Source model: KD2004. Catalogue data is not a serial-unit calibration record or an approved manufacturing drawing.



Edited supplier rendering - KD2004

Output	Charge, external amplifier required
Pressure reference	Dynamic pressure excursion; static preload/reference to confirm
Source temperature	-40 to +150 deg C; exact duty to confirm
Mount	M10x1
Electrical connection	M5
Body envelope	12.8 x 30 mm; source dimensions, not a port drawing
Conditioning	Charge amplifier; match sensitivity, insulation, input charge and time constant

Source catalogue full-scale options. Reference, static loading, negative phase and exact ordered variant require review.

Source ranges and response limits

Full scale	Source sensitivity	Natural / resonant frequency	Catalogue rise	Variant note
1 MPa / 10 bar / 145.0 psi	5000 pC/MPa	>=200 kHz	<=2 us	high-piezoelectric crystal; composition unspecified
5 MPa / 50 bar / 725.2 psi	2000 pC/MPa	>=200 kHz	<=2 us	high-piezoelectric crystal; composition unspecified
20 MPa / 200 bar / 2900.8 psi	1000 pC/MPa	>=200 kHz	<=2 us	high-piezoelectric crystal; composition unspecified
60 MPa / 600 bar / 8702.3 psi	120 pC/MPa	>=200 kHz	<=2 us	quartz

Catalogue resonance and rise-time labels are not calibrated flat bandwidth. Rise-time percentage and incident/reflected geometry are not established by this table.

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 medium/wetted-material compatibility and pressure reference.

2. Obtain the approved installation drawing, seal, torque and connector pinout.

3. Request the installed amplitude/phase response and calibration scope.

4. M10x1 is the pressure mount. The electrical connector is labeled M5 without pitch/pinout; do not infer M5x0.5 or 10-32.

5. The source is limited to +150 deg C. It does not establish a +650 deg C or hydrogen-qualified assembly. A copied current-drive paragraph is not a charge-sensor supply specification.

Source and quotation path

KD2004 supplier catalogue

https://www.yzkds.com/product/848.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.