PPS-PRZ-M10 - Source Interface Summary

Source dimensioned drawing extract / source CYG507 / reviewed 2026-11-16

NOT TO SCALE. This summary preserves supplier labels and their scope. It is not a manufacturing drawing, CAD file, fit approval or pressure rating.

All dimensions are millimetres unless stated. Drawing views are separate alternatives; do not merge their spans, electrical forms or clearance assumptions.

View / option	L1 - smooth rod
View / option	M2 - M8x1 pressure mount
View / option	M3 - M6x0.75 pressure mount

Outstanding acceptance information

1. Thread tolerances, actual major/minor diameters, usable engagement and runout
2. Pressure-seal design, gasket or sealing face dimensions, and installation torque
3. Exact pressure-tip flushness/mating recess datum
4. Vent tube diameter, routing, environmental sealing and dry-reference conditions
5. Electrical colour code, pin assignment and exact aviation connector model
6. Dimensional tolerances, material/finish of mating regions and cable bend limits

Source and document request

CYG507 supplier table and installation source

http://www.sqsensor.com/content/?185.html
CYG507 original dimension drawing

http://www.sqsensor.com/upload/image/20230805/16912122017665922.png
Request the approved 2D drawing, STEP if available, connector/pinout and required calibration/response records. Availability and exact scope are confirmed with the offered variant.

L1 - smooth rod

Mounting form	Smooth rod; no thread shown
Rod outside diameter	Dia 6.5 mm
Rod body length	20 mm
Electrical cable	Dia 3 mm

Scope: The Dia 6.5 label applies to this smooth rod; the 20 mm span ends at the shown rod-body reference. The Dia 3 cable and vent arrangement continue beyond it. No mounting thread is shown in this view.

Mechanical: Smooth rod; no mounting thread shown

Electrical: Rear electrical cable and vent reference are separate from the pressure mount. Pin assignment, cable termination and exact connector mating information require confirmation.

Cable: Cable/vent termination, connector mating geometry and strain relief need the selected assembly drawing.

Source locator: CYG507 original drawing: upper smooth rod; source view 507-L1

Source full-scale group (MPa): 0.8, 1.6. This group does not establish the approved offered assembly.

Request review of this interface and its approved drawing

No schematic clearance, seal, thread engagement or thermal/pressure rating is inferred from this reference. Supply the customer port and available installation space for review.

M2 - M8x1 pressure mount

Pressure mount	M8x1
Pressure-end tip diameter	Dia 5.5 mm
Hex across flats	12 mm
Indicated body span	18 mm
Front indicated span	12.5 mm
Rear indicated span	2.5 mm
Electrical cable	Dia 3.5 mm

Scope: Dia 5.5 identifies the pressure-end tip; M8x1 is a separate mounting thread. The 18 mm, 12.5 mm and 2.5 mm values are spans between the shown source reference lines, not approved engagement allowances. The hex is 12 mm across flats. Cable and vent routing continue beyond the indicated body spans; full installed clearance is not supplied.

Mechanical: M8x1 pressure thread; Dia 5.5 is the pressure-end tip, not complete body

Electrical: Rear electrical cable and vent reference are separate from the pressure mount. Pin assignment, cable termination and exact connector mating information require confirmation.

Cable: Cable/vent termination, connector mating geometry and strain relief need the selected assembly drawing.

Source locator: CYG507 original drawing: lower left threaded; source view 507-M2

Source full-scale group (MPa): 2, 4, 6, 8, 10, 20. This group does not establish the approved offered assembly.

Request review of this interface and its approved drawing

No schematic clearance, seal, thread engagement or thermal/pressure rating is inferred from this reference. Supply the customer port and available installation space for review.

M3 - M6x0.75 pressure mount

Pressure mount	M6x0.75
Pressure-end tip diameter	Dia 5 mm
Hex across flats	9 mm
Indicated body span	18 mm
Front indicated span	12.5 mm
Rear indicated span	2.5 mm
Electrical cable	Dia 3.5 mm

Scope: Dia 5 identifies the pressure-end tip; M6x0.75 is a separate mounting thread. The 18 mm, 12.5 mm and 2.5 mm values are spans between the shown source reference lines, not approved engagement allowances. The hex is 9 mm across flats. Cable and vent routing continue beyond the indicated body spans; full installed clearance is not supplied.

Mechanical: M6x0.75 pressure thread; Dia 5 is the pressure-end tip, not complete body

Electrical: Rear electrical cable and vent reference are separate from the pressure mount. Pin assignment, cable termination and exact connector mating information require confirmation.

Cable: Cable/vent termination, connector mating geometry and strain relief need the selected assembly drawing.

Source locator: CYG507 original drawing: lower right threaded; source view 507-M3

Source full-scale group (MPa): 2, 4. This group does not establish the approved offered assembly.

Request review of this interface and its approved drawing

No schematic clearance, seal, thread engagement or thermal/pressure rating is inferred from this reference. Supply the customer port and available installation space for review.