PPS-PRZ-C10 - Source Interface Summary

Source dimensioned drawing extract / source CYG409 / 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	Drawing view A - compact cooled
View / option	Drawing view B - long cooled

Outstanding acceptance information

1. Cooling fitting threads, tube size, internal jacket geometry and fitting projection/envelope
2. Mating port/seal-ring/counterbore geometry, gasket material and torque
3. Thread class, tolerances, surface finish and datum scheme
4. Compact installed overall length including fittings
5. Long rear connector height, connector model and pinout

Source and document request

CYG409 supplier table and installation source

http://www.sqsensor.com/content/?175.html

CYG409 original dimension drawing

http://www.sqsensor.com/upload/image/20230803/16910289348520796.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.

Drawing view A - compact cooled

Pressure mount	M20x1.5
Main housing diameter	Dia 32 mm
Front hex	27 mm AF
Nose span	12 mm
Indicated main axial span	62 mm
Vented electrical cable	Dia 3 mm
Rear central flats	7 mm

Scope: Indicated front-face-to-rear-main-housing span; rear cooling fittings/electrical exit extend beyond it, so not full installed length. Front threaded nose span. Dia 3 mm vented electrical cable, not a cooling tube specification.

Mechanical: M20x1.5 pressure thread; front nose span 12 mm does not qualify usable engagement

Electrical: Rear vented electrical cable shown, with separate water-cooling fittings.

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

Source locator: CYG409 original drawing: left compact cooled; source view 409-A

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.

Drawing view B - long cooled

Pressure mount	M20x1.5
Main cylinder diameter	Dia 27 mm
Nose span	12 mm
Indicated axial span	158 mm
Coolant features	Separate inlet and outlet; sizes not stated

Scope: Indicated front-face-to-rear-connector-housing axial span. Front threaded nose span.

Mechanical: M20x1.5 pressure thread; front nose span 12 mm does not qualify usable engagement

Electrical: Right-angle rear electrical housing, separate from side coolant inlet/outlet.

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

Source locator: CYG409 original drawing: right long cooled; source view 409-B

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.