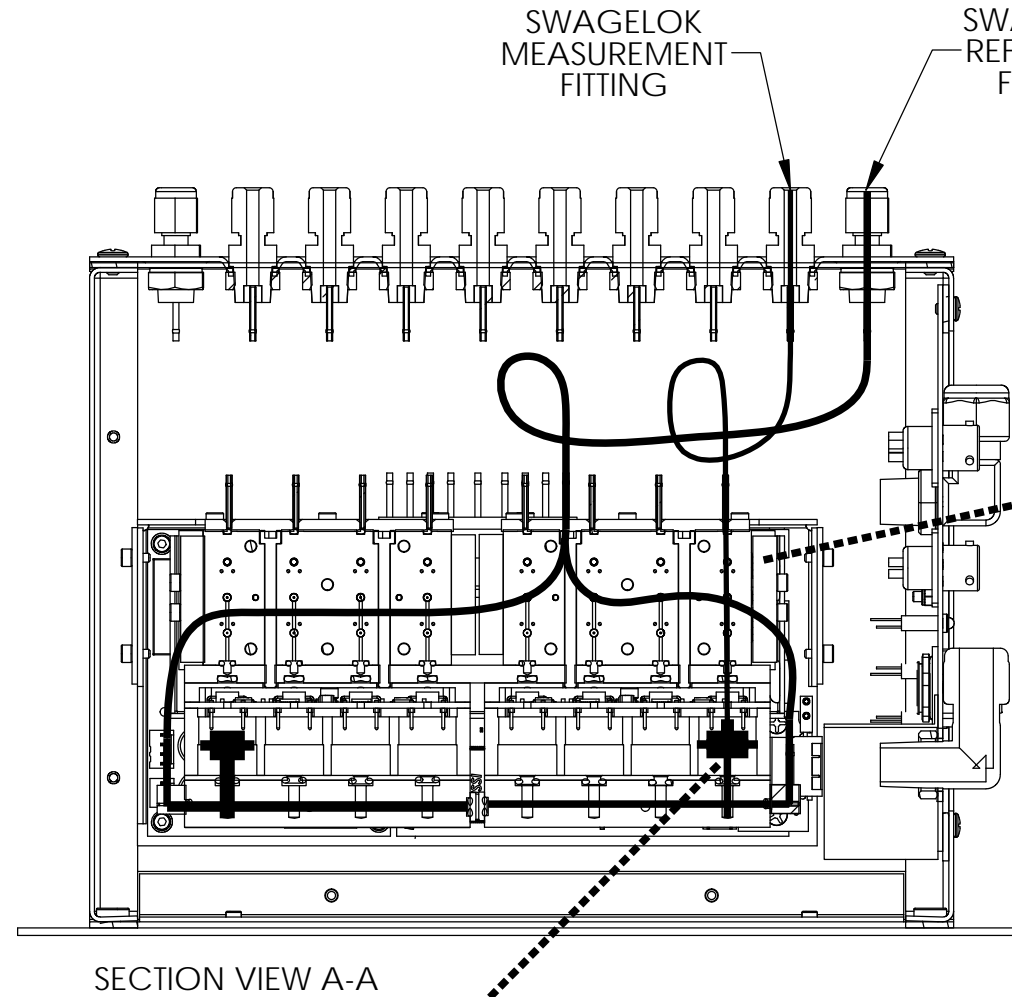
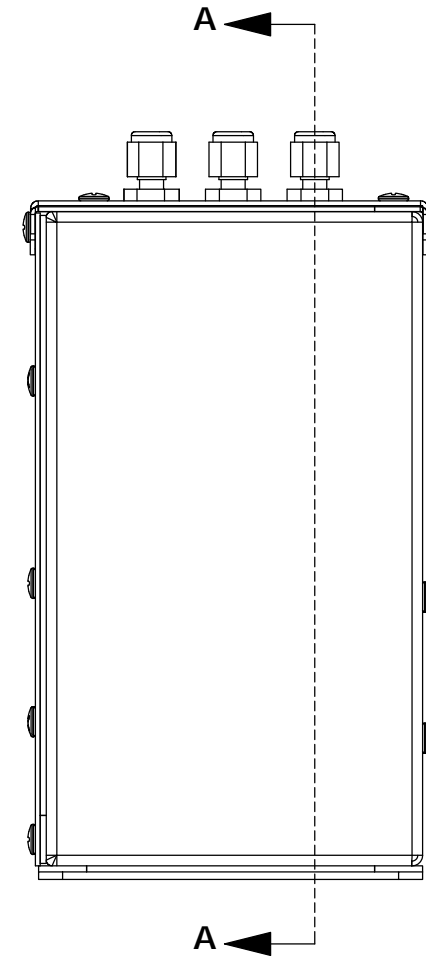
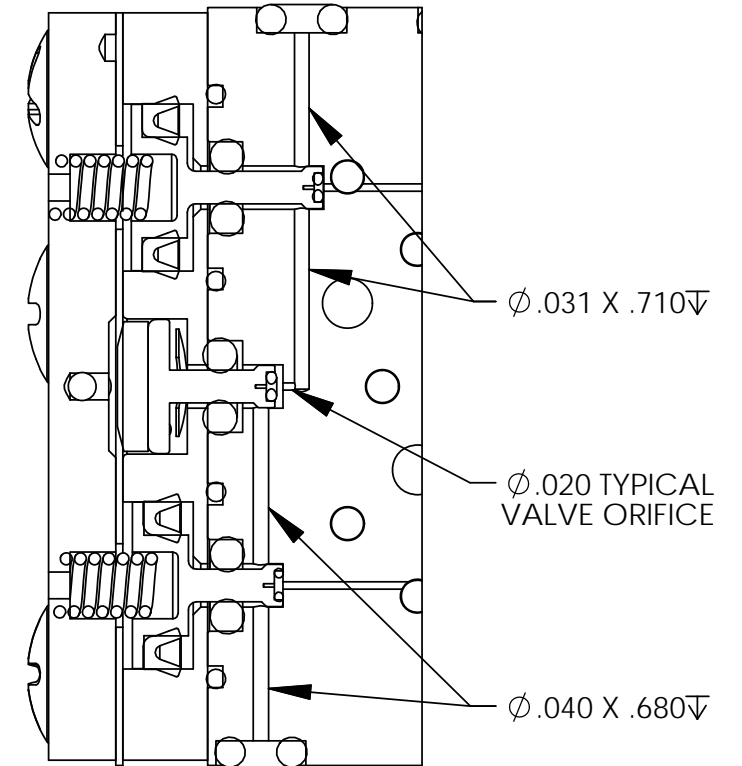


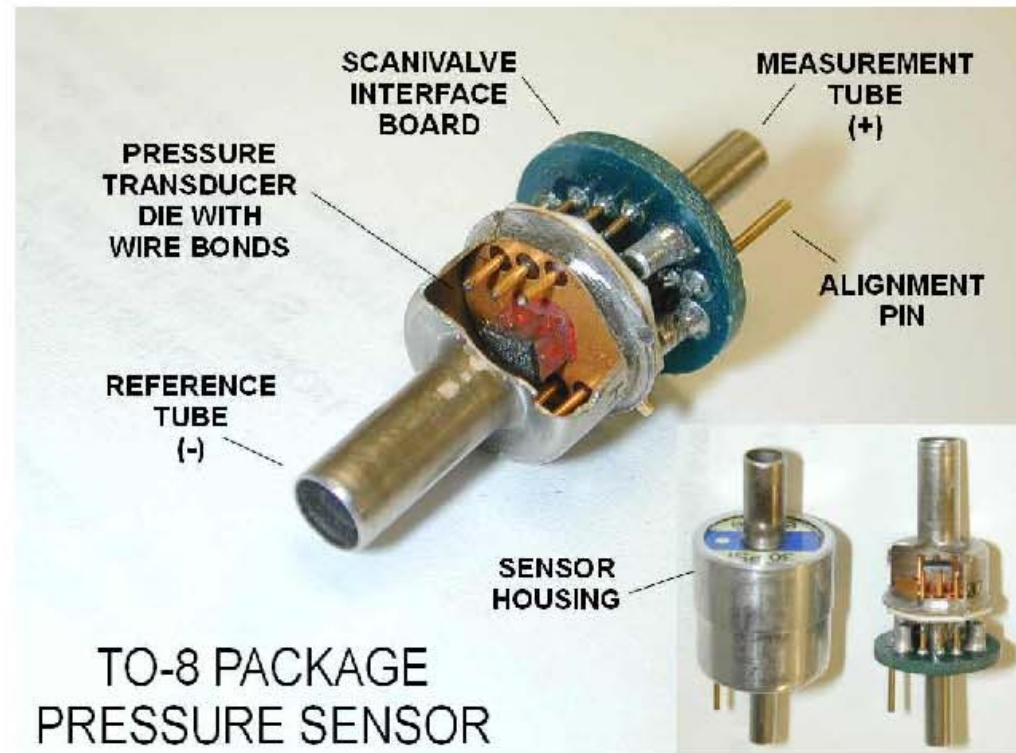
NOTES:



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00			



CALIBRATION VALVE



TO-8 PACKAGE PRESSURE SENSOR

POSITIVE MEASUREMENT SINGLE CHANNEL VOLUME

SENSOR WITH ADAPTER = 0.0079 in³
 VALVE = 0.0013 in³
 INPUT HEADER WITH INTERNAL TUBING = 0.0199 in³
TOTAL = 0.0291 in³

NEGATIVE MEASUREMENT COMMON VOLUME

INDIVIDUAL SENSOR REFERENCE CAVITY = 0.0412 in³
 TOTAL FOR 16 SENSORS = 0.6592 in³
 SENSOR REFERENCE MANIFOLD = 0.1597 in³
 TOTAL FOR 2 REFERENCE MANIFOLDS = 0.3194 in³
 INTERNAL HEADER AND TUBING = 0.0342 in³
TOTAL = 1.0128 in³

-5 DSA3218 INTERNAL VOLUME CALCULATIONS (16Px COMMON REF MODULE)

	DATE	NAME	Scanivalve LIBERTY LAKE, WA		
DRAWN	10-28-21	BRC			
CHECKED	10-28-21	RP	TITLE: DSA3218 INTERNAL VOLUME (16Px COMMON REF)		
ENGINEER	10-28-21	BRC			
MODEL REV: AD			SIZE	DWG. NO.	REV
ASSEMBLY DRAWING			B	80364-5	00
CAD: SOLIDWORKS 2019			SCALE: N/A	ERO#:	SHEET 1 OF 1