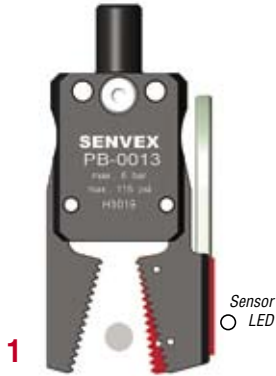


The Mini Sprue Gripper

(Dimensioned drawings shown full scale)

SPRUE SENSING



1 Sprue gripper is Open; ready to grip sprue. The red spring loaded lever arm is open. The sensor circuit is 'open.'

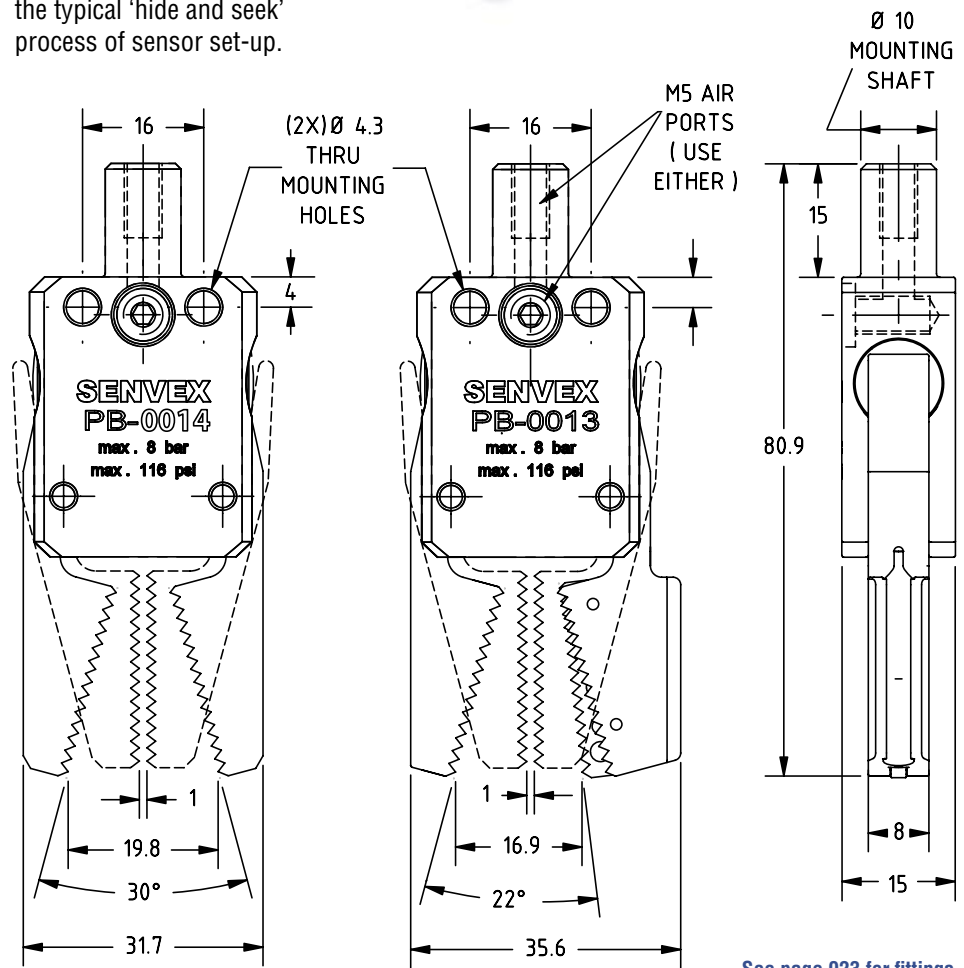


2 Sprue gripper is Closed; gripping the sprue. Pressure from the sprue deflects the red spring loaded lever arm into the gripper finger. The close proximity of the lever arm to the sensor closes the circuit, illuminates the LED, and indicates that the sprue is gripped.



3 Sprue gripper is Closed; and missing the sprue. The red spring loaded lever arm remains in its open position although the gripper is closed.

- ✓ Higher grip force than other similarly sized sprue grippers.
- ✓ Better finger teeth design holds sprues better than other small sprue grippers.
- ✓ Simple, easy sensing. A single sensor mounted on the finger confirms 'sprue gripped' and eliminates the typical 'hide and seek' process of sensor set-up.



See page 923 for fittings.

Style	Applicable Sprue Ø	lbs. Force at 25mm Tooling Length*	Weight	Quick #	Part #	Price
PB14 (Standard)	3-9mm	14 lbf	48g	1879	GSG-PB-0014S	\$108.00
PB13 (Sprue Detect)	3-9mm	14 lbf	48g	1878	GSG-PB-0013S	\$119.00
PB15 (Double Acting)	3-9mm	14 lbf	48g	6473	GSG-PB-0015	\$174.00
Order sensors separately		* Force when compressed air is supplied at 87psi. Tooling length is measured from jaw pivot point.				
PNP sensor	3-wire, 2m long cable		6-24vdc	1882	GSG-PNP-PB	\$26.14
PNP sensor	3-wire, M8 connector		6-24vdc	6282	SS3N203Y	\$29.96
NPN sensor	3-wire, 2m long cable		6-24vdc	1883	GSG-NPN-PB	\$26.14
NPN sensor	3-wire, M8 connector		6-24vdc	1884	SS3M203Y	\$29.96