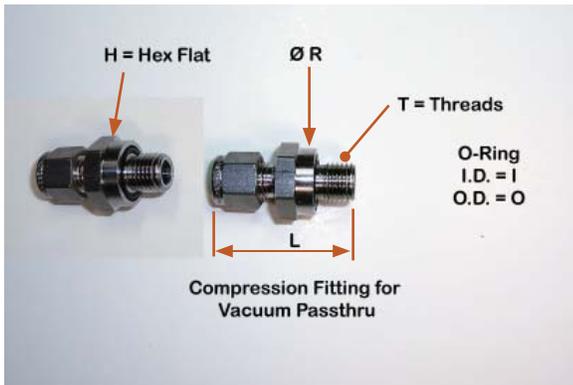
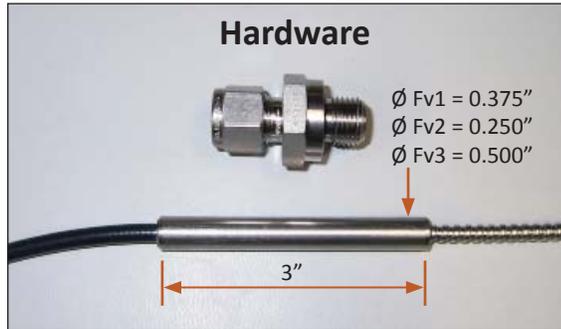


# Vacuum Passthru Models Fv1 - Fv3

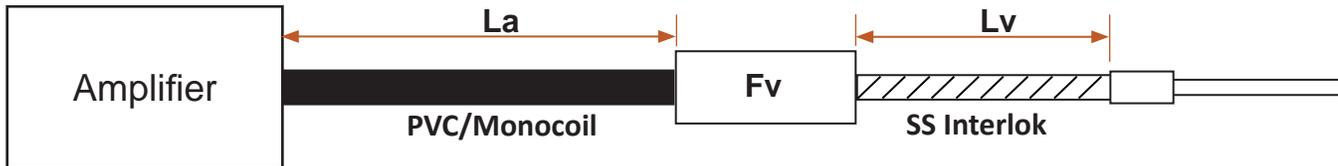


Models **Fv1 - Fv3** provide a low cost means for achieving measurements in low to moderate vacuum ( $10^{-4}$  Torr). A solid stainless steel section is included on the fiberoptic cable. The fiberoptics pass thru and are potted in with epoxy. A straight thread o-ring compression fitting is provided for sealing at the vacuum bulkhead. Nylon compression fittings are provided.

		FITTING DIMENSIONS					
		Fv1		Fv2		Fv3	
Swagelok		SS-600-1-OR-BT		SS-400-1-OR-BT		SS-810-1-OR-BT	
		inch	mm	inch	mm	inch	mm
<b>L</b>		1.67	42.42	1.51	38.35	1.81	45.97
<b>T</b>		9/16-18 x .47		7/16-20 x .41		3/4-16 x .47	
<b>H</b>		15/16	23.81	3/4	19.05	1 1/8	28.58
<b>ØR</b>		.93	23.62	.74	18.80	1.12	28.45
<b>I</b>		9/16	14.29	7/16	11.11	3/4	19.05
<b>O</b>		3/4	19.05	5/8	15.875	15/16	23.81

**NOTE**

The fiberoptic cable sheathing diameters and tip designs dictate which model passthru can be used.



**FEATURES**

- Vacuum Range to  $10^{-4}$  Torr
- Mounting by Compression Fitting
- User Selectable Cable Lengths in Air and Vacuum
- Works with Any Philtec D or RC Model Sensor