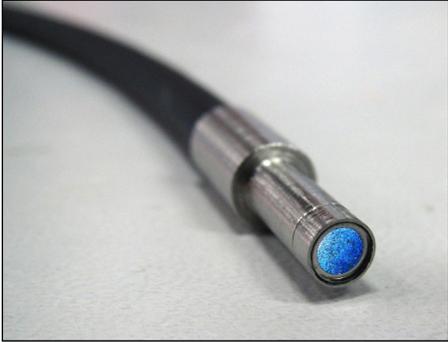


SENSOR TIP OPTIONS

■ Option W- Epoxied Window Probe

Use **W** to designate a sapphire window recessed and epoxied in the probe tip.

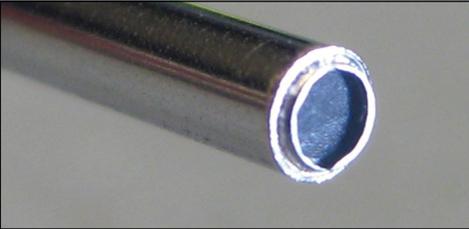


Window probes are used for sensing in high pressure or vacuum applications. Window probes utilize a sapphire window set over the fiber bundle. The window is recessed into the sensor tip and epoxied to the face of the fiberoptic bundle to seal against the high pressure or vacuum.



■ Option Wb- Brazed Window Probe

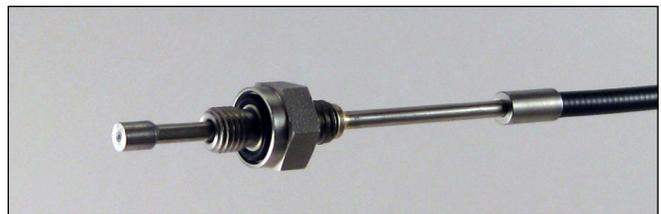
Use **Wb** to designate a sapphire window brazed to the probe tip.



Brazed windows are used in very high temperature applications or for pulsating pressures where the epoxy design does not have sufficient strength to secure the window under those conditions. Brazed windows have a much higher cost than epoxied windows. Please RFQ the factory.

HIGH PRESSURE

Sensor tips are usually threaded for high pressure. The sensor tip can be supplied brazed to a straight thread o-ring fitting as shown here. Successful applications to 30,000 psi have been achieved.



PULSATING PRESSURE

Stroking pistons create a pulsating pressure that can pull the window out of the probe. A retaining ring can be added for mechanical security.



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