



TMI Temperature Sensor for Baffles and Valves

Data Sheet DS33-300-2



Glass-lined TMI Sensor end shown on a Pfaudler Concave baffle.

Introduction

Pfaudler's integral thin film TMI Tip temperature sensing system is specifically designed for Glasteel® equipment. This innovation allows for quick response temperature sensing in an all glass-lined construction, with a unique spring loaded design [Figure 1] eliminating the exposed metals of more traditional temperature sensing devices.

Standard Features

- Fastest response time for glass-lined construction [See Table 1].
- Designed for quick and easy installation or removal. Unique inter-locking guide tube allows installation on all baffles with 36" clearance required above the baffle. Clearance less than 36" can be accommodated.
- 100 Ohm platinum element.

- DIN 43760 standard response curve.
- Temperature range: -50°C (-58°F) to 200°C (392°F).
- Available for use on a variety of Pfaudler glass-lined flush valve and baffle styles.
- Upgrade baffles and flush valves with existing threaded metal sensors to a clean glass-lined design. Contact Pfaudler/GPS for information.

% Temperature Change		
50%	63.2%	90%
12 Seconds	16 Seconds	34 Seconds

Table 1

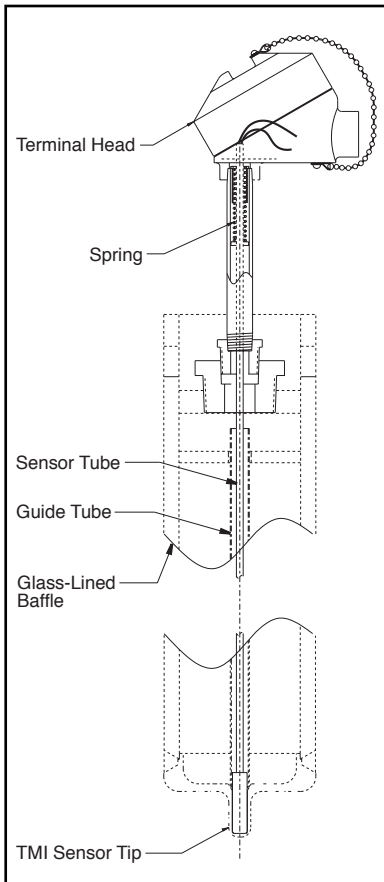


Figure 1



Glass-lined TMI Sensor shown on Pfaudler Flush Valve head and stem.

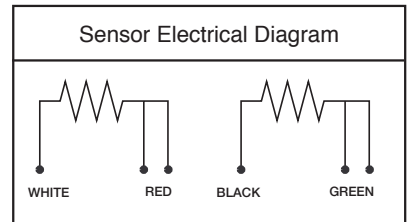


Figure 2

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