



YPL INSTRUMENTS PVT. LTD.

SIGHT FLOW INDICATOR: YPL-SFI16

Description

YPL Sight flow indicators are commonly used for monitoring of liquid flow in pipeline. They provide visual observation and monitoring of the process flow stream. To Determine flow, colour and consistency of fluid flowing through a pipe line. It enables maintaining flow of the liquid by viewing instantaneously and guides for any subsequent change in flow desired. Having double/single window construction, sight flow indicators are available in various shapes & materials of construction. Bodies are made of CS/SS & others with toughened borosilicate glass windows. Standard units are available in flanged /threaded connections even for higher temperature & Pressures

Specifying

The specification of a sight flow indicator includes selecting the body material, gasket materiel, type of glass, window design and mounting type. The first step is to define the process to be observed, including temperature, pressure, the physical characteristics of the process media, the direction flow (Horizontal left to right, vertical up to down) and whether the process has sanitary requirement. These factors will lead to the second step, selecting the appropriate type of sight flow indicator. The final step is to define the type of material needed in the body, gasket and glass.



FIG.1

360°View Flow Indicator

Also called full view, cylindrical or tube style flow indicator this type of flow indicator passes fluid through a glass cylinder that is visible from all angles. This allows simple ambient light to illuminate the flow. It is ideal for observation of process fluid for clarity, Color, Foam and other condition, and for the Presence of moisture. This style of flow indicator is suited for lower pressure systems with moderate flow rates. These indicator must be installed on pipes where these is minimal mechanical strain.

Specification

Type	: Full view
Glass	: Borosilicate with flare end.
Packing	: PTFE, compressed Asbestos, etc.
F/F Distance	: 150mm, others on demand.
End connection	: Screwed / flanged
Tie rod & Flanges	: SS316, SS304 , CS

PLAIN TYPE

Sight flow indicators are plain without any internal indicator and service as observing window and are suitable for vertical as well as horizontal lines and are adapted to liquids and gases.

Specification

Type	: Double window
Glass	: Toughened borosilicate, Sodalime, Acrylic.
Packing	: Compressed asbestos, Teflon, CAF, PTFE etc.
Connection	: Screwed BSP, NPT, Socket weld and flanged as per std.
Size	: 1/4" to 16" others on demand
Pressure	: 0- 15kg/cm ² -100kg/cm ²
Temperature	: 0- 100°C - 250°C
Nuts & Bolts	: Carbon steel/SS304/SS316



FIG.2

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