

NPS ½"–6"

SSP-T Sight Glasses are ideally suited as reliable flow indicators for virtually all existing process media in either liquid or even gaseous state.



Main Features

- Full 360° visibility
- No dead space along the entire installation length
- Vertical or horizontal installation
- Metallic collar for safe installation
- PMMA protective tube offers additional safety
- Easy cleaning and maintenance
- FDA-conform (all versions)
- Grounding connection as standard

Operation Conditions

- Temperature ranges from +14 °F up +320 °F for standard version
- Temperature ranges from –40 °F up +392 °F depending on material selection
- Pressure ranges from 0.01 psi up 232 psi

Testing/Marking

- Pressure and tightness testing according EN 12266-1, leakage rate A, resp. API 598
- Marking of valves on body and name plate acc. to EN 19
- Material- resp. test certificates in acc. to EN 10204-3.1/2.2/2.1
- FDA-conform (all versions)

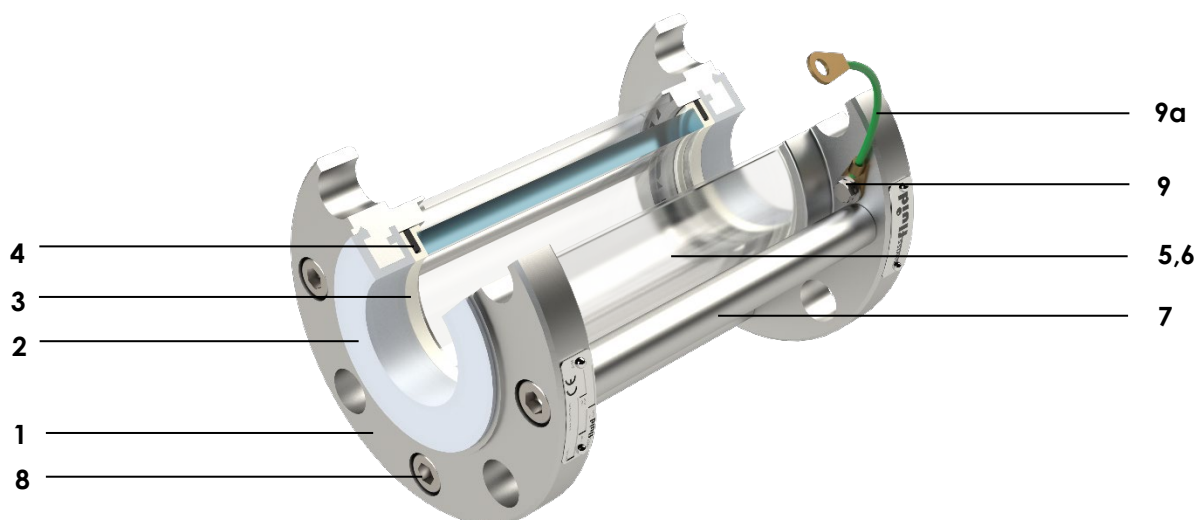
Dimensions in inch

Size	B	Weight	PS
Nom	Length	lbs	max. psi
½"	5.11	4.0	232
¾"	5.90	5.4	232
1"	6.29	6.3	232
1½"	7.87	9.4	232
2"	9.05	13.7	232
3"	12.2	24.7	189
4"	13.77	36.0	160
6"	18.89	74.7	102

B: FTF acc. to ASME B16.10

Other materials and sizes upon request

Technical Data



Standard Materials of Components

1 Body flanges	Stainless steel SS316L
2 Lining	PFA (opt. PFA-AS conductive), or unlined
3 Sealing ring	PTFE
4 Insert	FPM
5 Cylindric glass	Borosilicate 3.3
6 Protection tube	PMMA-XT (Acrylglass)
7 Thread bolts	Stainless steel SS316L
8 Bolting material	A4
9 Grounding connection	9a Grounding cable optional

SSP-T Tubular Sight Glasses

PM 35 us / 2025-04

Specification

Project-/Customer Data

Project-/Customer Data		Inquiry/Date:		Ref. SF	
Project:		Contact Person:		Phone.:	
Company:		Function:		E-Mail:	
Address:		Department:		Mobile:	
ZIP/Place:		Phone direct:			

Operation Conditions

Media/Chemical Composition:

☐ Liquid	☐ Powdery	☐ Crystallizing	☐ Sticky	☐ Spec. Grav. ____
☐ Gaseous	☐ Solids ____ %	☐ Viscous	☐ Flow velocity ____ ft/sec	
☐ Abrasive	☐ Particle ____ mm	☐ Visc. ____ cp	☐ Flow rate ____ usg/min	

Pressure

max. ____ bar

min. ____ bar

Temperature.

max. ____ °C

min. ____ °C

Mode

☐ On/Off

☐ Flow control

____ Cycles/ ____

Installation/Environment

☐ Horizontal

☐ Vertical

☐ ____

☐ Room dry

☐ Room humid

☐ Outdoor

Remarks:

SSP-T Product-Code

Specification of a complete Tubular Sight Glass SSP-T Series

Product-Code	Nom. size	Flange conn.	Flange	Lining body	Sealing ring	Elastomer	Glass cylinder	Safety shield	Screw-material
SSP-T									
	DN 15-150 NPS ½"-6"	Class 150	G14 CF3M Ti. Gr.2 Ti. Gr.7 Hast. C-276 Hast. C-22	A85 PFA A86 PFA-AS A88 PVDF A91 ETFE unlined	B80 PTFE B82 PTFE-AS	E67 FPM E68 VMQ	Z57 Borosilicate	S58 PMMA S57 Borosilicate	A4 B7