



APPLICATION:

For automatic cleaning of glass plates in sight-glasses on demand or continuously. Suitable for containers subject to acceptance in pressure or vacuum operation in explosion and non-explosion hazardous operating sites.

INSTALLATION INSTRUCTIONS:

Screwed into the base flange with pressure-tight screw connections and intermediate seal. A through hole is required in the cover flange. The connection threads must be sealed by the customer with a suitable sealant (according to the operating conditions).

**For round sight
glass fittings**

Operating conditions:

Temperature:	According to the design of the sight glass fitting, but max. 200°C*
Pressure:	

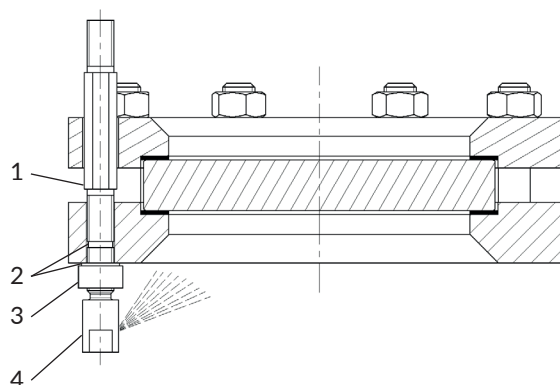
*higher on request

Flow parameters: water, 20°C

Pressure	[bar(g)]	2	4	6	25
Flow velocity	[m/s]	20	28	35	71
Volumetric flow rate	[l/min]	3,8	5,3	6,5	13,3
Volumetric flow rate	[l/h]	226	320	392	800

POSSIBLE COMBINATIONS:

The simultaneous combination of the spraying device with lights as well as with ACI sight glass wiper SGW is possible. The maximum permissible temperatures and the thermal shock resistance of the sight glass plate must be taken into account!



Parts and materials:

1	Connection piece	1.4571
2	Gaskets	PTFE
3	Lock nut	1.4571
4	Spray head	1.4571

SEVERAL SPRAYING DEVICES:

For large nominal sizes, the use of several sprayers is recommended for a better cleaning result!

PRODUCTCODE:

Group	TYPE	Material	Connection	Variant
11	SV1	1: 1.4571 9: Special	1: Welding end 2: Threaded end G 1/4" 9: Special	Assigned by ACI if required

INFO: Unless otherwise stated, the factory standard highlighted is supplied.

*Cover frame according to quotation / order confirmation.

SPECIAL DESIGNS / OPTIONS:

- a) High temperature version on request
- b) Special length
- c) Other connection type
- d) Special materials

EXAMPLE:

11-SV1-1-2-00000 equivalent to:

ACI Type SV1

SV1 made of 1.4571

Connection type: G 1/4" threaded end

Standard design

ORDERING SPECIFICATIONS!

If a sight glass fitting should be supplied, the following information is necessary:

- Nominal size DN, nominal pressure PN, materials
- Material of the sight glass plate (borosilicate glass / soda-lime glass) and dimensions

