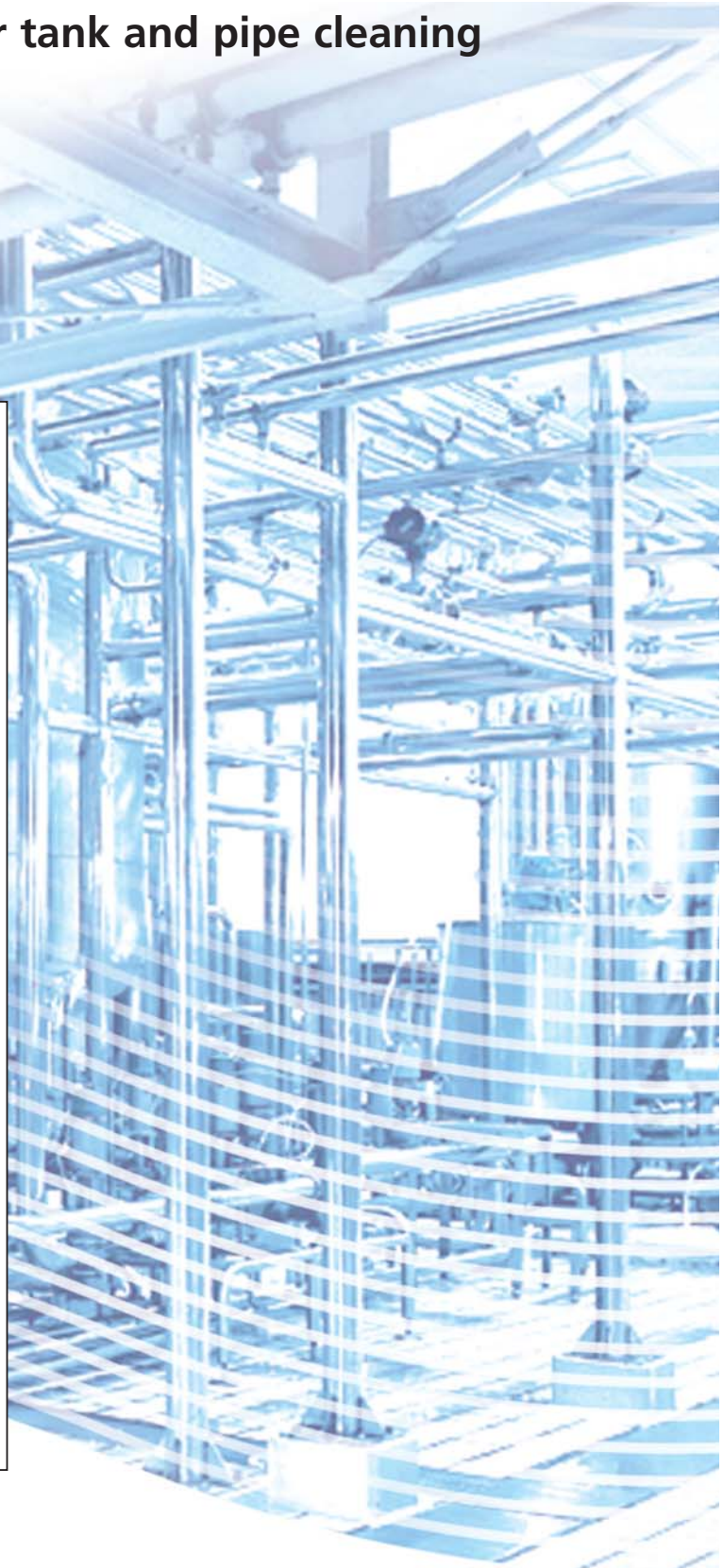


# VARIPURE® In-Line Sprayer

with retractable spray head for tank and pipe cleaning





# VARIPURE®

## In-Line Sprayer IS 25 . . .

. . . is fitted with a spray head that is extended into the tank or pipe for cleaning.

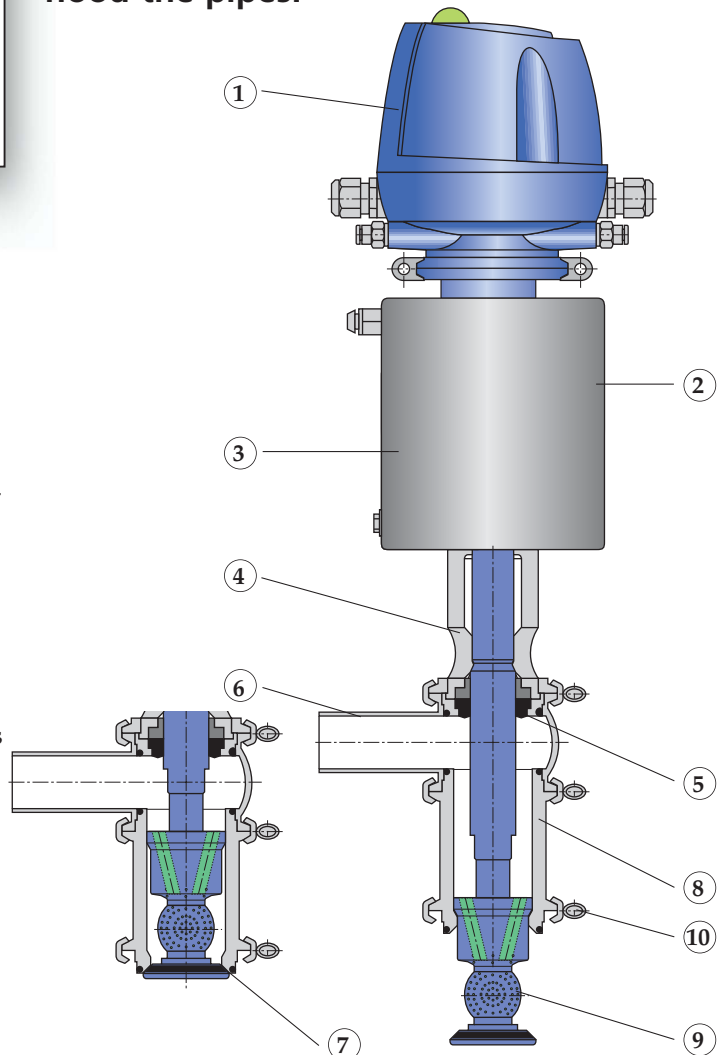
**Decisive advantage:**

After the cleaning operation, the spray head is retracted to its resting place and is flush with the tank/pipe wall; the spray head no longer projects into the product chamber.

The In-Line Sprayer helps you to significantly reduce cleaning costs as it dispenses with the need to accumulate cleaning solution in agitator tanks or to flood the pipes.

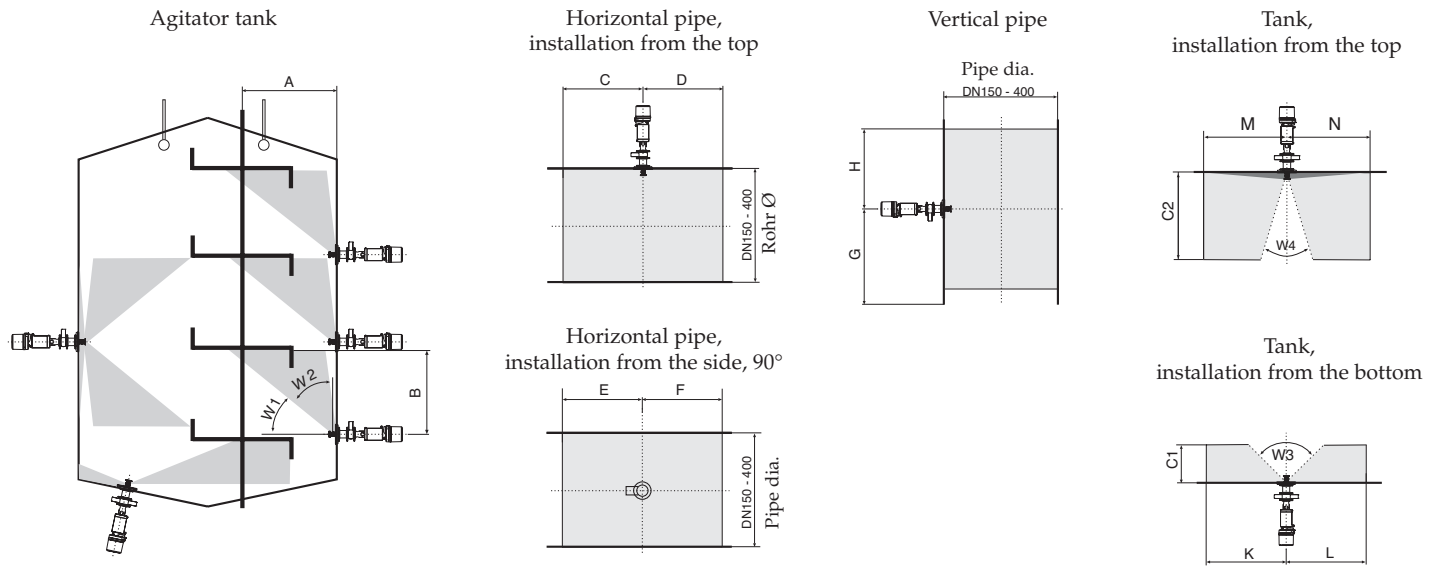
### Characteristics of the VARIPURE® In-Line Sprayer

1. Electrical components in the control module are fully splash-water protected (up to IP67).
2. Sturdy and reversible actuator – spring-to-close/air-to-open or vice versa.  
Air backup of the spring is possible.
3. ECOVENT®-E actuators with direct internal air supply from the control module.
4. Open lantern for visual inspection of the stem seal and the valve's switching position.
5. The machine rolled valve spindle finish provides for excellent wiping action as it passes through the seal, ensuring long life of the stem seal.
6. Housing with one or two sockets.
7. The metallic stop of the valve disk provides a defined deformation of the seal, ensuring long seal life.
8. Seat ring and guide for the spray head.
9. Retractable spray head
10. Easy to fit and remove thanks to the hinged clamp.





## Areas of application and cleaning angles



Data in [mm and °]	A	B	W1	W2	C	D	E	F	G	H	K	L	C1	W3	M	N	C2	W4
Spray hole B 0.6 mm	1,000	1,200	48°	34°	800	800	700	700	2,000	300	900	900	800	98°	900	900	2,000	90°
Spray hole B 0.8 mm	1,500	1,500	48°	34°	800	800	700	700	2,500	700	900	900	800	98°	900	900	2,000	90°

Two types of spray heads are available:

**Spray head B 06** (all holes 0.6 mm)

**Spray head B 08** (all holes 0.8 mm)

### Flow rates (optimum operating pressure 1.8 to 2.5 bar)

Pressure [bar]	1.5	1.8	2.0	2.2	2.5
Flow rate B 0.6 [m <sup>3</sup> /h]	2.9	3.2	3.4	3.5	3.8
Flow rate B 0.8 [m <sup>3</sup> /h]	4.2	4.6	4.8	5.1	5.4

### Technical characteristics

- Operationally safe and reliable
- Spring-actuated closing and pneumatic opening
- Vacuum resistant up to 0.1 bar abs.
- Feedback via control module
- Feedback via mounting for proximity switch
- ATEX zone 0G/20D possible
- Sealing rings (FDA)
  - EPDM
  - FKM
  - FFKM (resistant to solvents)
- Cleaning temperature max. 98 °C
- Can be steamed for 30 min. at 140 °C
- Hot air for 30 min. at max. 190 °C (FFKM)
- Material 1.4435/316L
- Material certificates for product contact parts according to EN10204-2.2 and EN10204-3.1
- Surfaces: product contact  $Ra \leq 0.8 \mu m$
- Pipe connection dimensions according to:
  - DIN 29x1.5 mm
  - ISO 33x2.0