

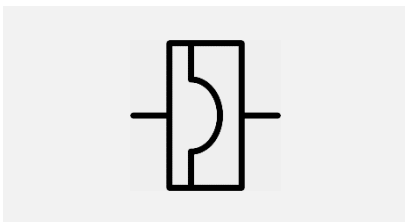
Burst cartridge with threaded seat Overpressure activated – chemical resistant

Article-number: 501930

Image may vary



Circuit symbol



Note:

It must be ensured that any hazard (e.g., due to aggressive media) is excluded. When the bursting disc opens, the process medium is discharged via the discharge point. The system connected to the point must be rated to handle discharge of the process medium at the burst differential pressure (Δp). It must be ensured that any hazard is excluded. A proper match between the theoretical bursting pressure of the connected paint hose and the burst cartridge must be ensured

APPLICATION

The burst cartridge contains a bursting disc which protects the connected piping system against overpressure. Liquid and gaseous media can be discharged in a controlled manner via a process medium discharge port. Actuation of the bursting disc can be visually detected through the sight glass.

The burst cartridge is threaded into a connection line, which provides a low-dead-space connection of the cartridge to the fluid line.

DIMENSION AND WEIGHT

Length (total)	69 mm
Diameter	27 mm (+ quick connector)
Weight	approx. 90 g

MATERIAL

Body	stainless steel
Sealings	PeraSolv

OPERATING CHARACTERISTICS

Bursting difference pressure	35,0 bar \pm 10% (Theoretical burst pressure of paint hose: \geq 40.5 bar)
Process fluid temperature	room temperature
Process fluid pH	neutral – pH 7
Working operations	1x (replaceable cartridge)

HOME POSITION

Medium flow path closed – normally closed

CONNECTORS

Discharge point	quick connector for hose OD 8mm
Connection point	M18 x 1 outer thread; special seating
Wrench size	WAF 24

DESCRIPTION

- Suitable for painting applications – free of paint-wetting impairment substances (PWIS-free / LABS-free)
- 360° rotatable ring discharge port for flexible installation
- Rupture disc actuation can be visually detected via the sight glass
- Rapid rupture-protection cartridge replacement without special tools
- Suitable for circulating media (recirculation service)
- For use with water-based and organic solvent-based media systems as well as compressed air
- FDA and BSE/TSE certification available (upon request)

ACCESSORIES

Connection block, part No. 501940 | Sealing screw, part No. 505668 | O-ring for sealing screw, part no. 503849 (FFKM); 505827 (Viton) | Special grease, part no. 500043