

Bursting cartridge with threaded seat

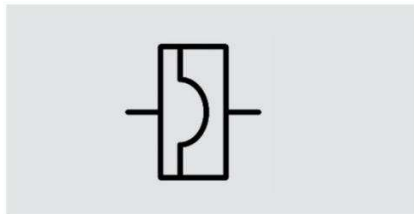
Overpressure activated – chemical resistant

Article number: 501930

product similar



circuit symbol



APPLICATION

The bursting cartridge contains a bursting disc which protects the connected piping system from overpressures. Liquid and gaseous media will exit using a media outlet. An activation of the bursting disc can be detected through a visual inspection glass.

The bursting cartridge is screwed into a block with a low dead space connection to the fluid piping system.

DIMENSION AND WEIGHT

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

MATERIAL

Body material	stainless steel
Sealings	PeraSolv

OPERATING CHARACTERISTICS

Bursting difference pressure	30,0 bar +/-10%
Media temperature	room temperature
Media-PH-Value	neutral – pH7
Working operations	1x (replaceable cartridge)

HOME POSITION

Media passage closed - normally closed

CONNECTORS

Media outlet	quick connector for hose OD 8mm
Media connector	M18 x 1 outer thread; special seating
Wrench size	WAF 24

DESCRIPTION

- Usable for coating applications – free of free from substances interfering with wetting agents ("silicone-free")
- Media outlet connector rotatable by 360° for a flexible integration
- Activation of bursting disc by overpressure detectable using a visual inspection glass
- Fast change of the cartridge without dedicated tools
- Applicable for continuously pumped media
- Applicable for water based and solvent based media as well as pressurized air
- FDA/BSE-TSE certification possible

ACCESSORIES

Block Art. Nr. 501940 with di = 6mm for media hose AD 4...8mm
 And others as well as special applications upon request

Note:

Any potential hazard (e.g. due to aggressive media) must be avoided. If the bursting disc is activated, fluid will leave the cartridge via the outlet. The media circuit must therefore be sized for the burst difference pressure. Any potential hazard must be ruled out.