

Overpressure Valve OPV-2000

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1. Introduction

The APSON Overpressure Valve OPV-2000 is a mechanically adjustable, compact overpressure valve for aggressive liquid non-granular media, e.g. lacquers, solvents, caustic solutions, a.o. It is particularly suitable for the application in automatic painting systems for preventing loss of production times due to bursting of medium hoses subjected to pressure.



APSON Overpressure Valve OPV-2000

2. Features

- Rinsable overpressure space.
- Cost-saving, because the bursting of hoses is avoided.
- High throughput and very good rinsing barness.
- Simplest handling at assembling and maintenance.
- Deathroom-minimized space for the medium flow.

3. Structure and Function

The APSON Overpressure Valve OPV-2000 consists of

- a housing block with adjusting screw for the overpressure,
- an overpressure device (sealing seat with a ball subjected to a compression spring),
- a link for medium input and a link for medium output (lower links),
- a link for deriving the medium in the case of overpressure,
- a link for rinsing the overpressure valve and deriving hose.



APSON Overpressure Valve OPV-2000

The overpressure valve is preferably connected by means of double threaded nipples directly to the medium pump. It can be inserted however also flying to the medium tube of the pump output.

4. Technical Data

Denomination:	APSON Overpressure Valve OPV-2000
Over-pressure range:	adjustable from 2 to 25 bar
Media:	Lacquers, solvents, caustic solutions, a.o.
Materials:	<ul style="list-style-type: none"> • housing from aluminum, anodized (or on customer's request) • seal material Teflon™ (or on customer's request) • overpressure adjusting nut made of inoxidable steel
Medium links:	on customer's request
Dimensions (in mm):	<ul style="list-style-type: none"> • without links: length 40, height 40 (55), depth 20 • with links: length 89
Mass:	approx. 50 g

5. Ordering Data

Denomination	Part-Nr.
APSON Overpressure Valve OPV-2000	100-A002

Options:

- Medium links, housing and seal material on customer's request

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