

# DELTA SWmini4

DN10, DN15, DN20 (1/2", 3/4", 1")

Based on more than 60 years experience in valve production APV has developed the DELTA SW4 hygienic single seat valve: a modern, highly versatile single seat valve, which does not only fulfil the demands of today's process industry but also a great deal of tomorrow's. By introducing sizes DN10, DN15 and DN20 (1/2", 3/4" and 1"), we complete the comprehensive range from DN10 to DN150 (1/2" to 6").

Installing the DELTA SWmini4 valves is an investment in efficiency, production flexibility or in other words: in the future. When designing this valve great emphasis has been put on facilitating valve handling, installation and maintenance.

## Characteristics

Its hygienic design makes it ideal for applications in the dairy, beverage and brewing industries, as well as the chemical and pharmaceutical industries. The valve is 3A certified and EHEDG tested. The valve is available in on/off and change-over versions.



## Features & benefits

### Sturdy ball shaped housing designed for optimum cleanability.

The ball shaped housing effectively prevents sump or dome, thus optimising valve cleanability and reducing CIP-time. A comprehensive range of valve housings are available to cover any requests.

### Controlled compression of seat seal

The metallic stop ensures defined compression of the seat seal, reducing material stress. Production downtime can be minimized. Furthermore, this arrangement ensures smooth product flow. Wear resistant elastomer/PTFE shaft seal and shaft bearing arrangement increases seal lifetime and consequently minimises maintenance costs and general downtime.

### Installation and maintenance convenience

- Bolts between housing and yoke provides quick and easy access to product-wetted parts, and housings may be orientated in various directions to ensure multiple installation possibilities.
- Only one hexagonal nut outside the product area ensures quick and easy service of the valve.
- Actuator design prepared for NC/NO.
- Maintenance-free actuator, covered by the 5-year APV guarantee.

### Control Units

The DELTA SWmini4 valves can be delivered with a comprehensive range of DELTA CU control units. The DELTA CU are electrically provided to connect directly to a PLC system (DELTA CU Direct connect). Optional to support fieldbus protocols like AS-i, Profibus and DeviceNet.

### Options

In order to handle every inquiry the following options are available:

- Crank handle for manual operation
- Proximity holder

### Technical data

SIZES	DN10, DN15, DN20 (1/2", 3/4", 1")
Product wetted parts	AISI 316L
Non-product wetted parts	AISI 304
Seal materials	Standard EPDM/PTFE Optional VMQ, FPM and HNBR
Max. temperature	EPDM / HNBR 135°C (short time 140°C) VMQ 135°C not to be used for hot water FPM 135°C not to be used for steam and hot water
Max. line pressure	5 bar, others on request
Min. control air pressure	6 bar
Max. control air pressure	10 bar



SPX reserves the right to incorporate our latest design and material changes without notice or obligation.

Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Please contact your local sales representative for product availability in your region. For more information visit [www.spx.com](http://www.spx.com).

The green ">" is a trademark of SPX Corporation, Inc..

APV-8006-GB Version: 04/2014 Issued: 09/2014 COPYRIGHT © 2004, 2014 SPX Corporation

SPX Flow Technology

Zechenstrasse 49, D-59425 Unna, Germany

Phone: +49 (0) 23 03/ 108-0 Fax: +49 (0) 23 03 / 108-210