

Self-closing fittings By SCHELL



SCHELL self-closing fittings

Premium quality and saving water in public sanitary facilities

Manufactured in Olpe, respected worldwide: SCHELL self-closing fittings set the standards to follow in sanitary facilities on public and commercial premises. Our portfolio of professional fittings offers award-winning quality, sustainable energy performance and advanced technologies.

SCHELL success story started more than 90 years ago with the production of draw-off taps. Today, SCHELL is the global leader in angle valves and water management systems that assist in maintaining drinking water quality.

Pushing forward with innovation – this is the ideal that drives us forward to set new standards as design engineers and market leaders: with intelligent sanitary equipment that helps make our future more sustainable.

Variety is a key requirement for sanitary fittings on public premises. Often, this is a direct result of the various functional areas found within a building. This is why SCHELL offers an integrated and broad-based portfolio of high-quality self-closing fittings for a wide range of applications.

Self-closing fittings from SCHELL are designed to meet the needs of their users. As all of our business focuses on the people who use our products, SCHELL offers fittings with the widest range of characteristics.

This wealth of functions ranges from optimising user hygiene through to protecting against scalding and burns, and naturally also addresses the economical consumption of water.

Drinking water hygiene and building efficiency go hand in hand: Solutions from SCHELL help operators of drinking water installations ensure the cost-effective and legally compliant operation of their facilities – with the SWS Water Management System, for example. SWS is used for the convenient adjustment of settings for networked electronic fittings while ensuring legally compliant record-keeping. The innovative SMART.SWS add-on can then be used to achieve remote access to SWS systems.

Sustainability and the responsible handling of natural resources have been part of SCHELL's DNA since the formation of the company. Many of the fittings from SCHELL help to save water and energy. In addition, they can also help to achieve ecological building certification.



The SCHELL Management Team:
Andrea Bußmann (left) and
Andreas Ueberschär (right)

Signed, sealed and delivered

Our products and processes are tested continuously, and are certified to all of the relevant quality and safety standards. As one example, our SCHELL Quality Management System has been certified to DIN EN ISO 9001:2015 by TÜV Rheinland. The low carbon footprint of our head office has also been audited via ecocockpit from the NRW Efficiency Agency.

Sustainability Brochure

Please see our Sustainability Brochure for more information about our resource-friendly production methods and business processes at SCHELL.



Download our
brochure here



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SCHELL self-closing fittings for any application

Optimise hygiene and cut water consumption by up to 55 %

A modest investment with a long service life

Self-closing fittings from SCHELL have been designed for heavy-duty use in sanitary facilities on public and commercial premises. Their cartridge design ensures a long lifetime even when the fittings are in constant use. The benefits of cutting water consumption by up to 55 % ensure a quick ROI. SCHELL has over 80 years of experience in the production of self-closing fittings.

Wide range of models to match any scenario

Our self-closing fittings range from inexpensive standard products to exclusive designer pieces. For cold and pre-mixed water, and mixed water with temperature control. A finish that meets the most demanding requirements, paired with a clear and modern design.

Easy installation, simple to maintain

Self-closing fittings from SCHELL can be installed quickly and easily by a single fitter. All of the necessary accessories are included with the product. We also offer all-in-one renovation sets for selected models. When it comes to servicing, the fittings are functional and low-maintenance.

The fitting's hard-wearing heart:

SCHELL self-closing cartridge

- High level of reliability guaranteed by dependable and innovative cartridge design
- Very little force needed for actuation
- Easy control of mixed water
- Proprietary SCHELL technology



Durable and timeless:
exposed and concealed shower fittings from SCHELL.



A rugged sanitary facility classic:
SCHELLLOMAT from SCHELL.

A boost for building efficiency

Self-closing technology for wash basins, showers and WCs

Savings on water consumption of up to 55 % are possible with self-closing wash basin and shower fittings. The reduced consumption also saves the energy that would otherwise be needed to heat the water. This means that

self-closing fittings from SCHELL are an especially efficient alternative to single-lever mixers. Thanks to these water savings, the modest investment required pays for itself after only a short while.

	Single-lever tap with 6 l/min flow regulator	Self-closing tap with 5 l/min flow regulator
Wet hands	3 seconds (approx.)	Water runs 8 seconds
Soap hands	20 seconds (approx.)	Flow of water stops automatically
Rinse hands	7 seconds (approx.)	Water runs 8 seconds
Total water volume	30 seconds (approx.)	16 seconds
Total consumption	3 litres (approx.)	1.4 litres

**55 %
water
savings!**

Sample calculation

Saving when using MODUS EH HD-M compared with PURIS SC HD-M in a public sanitary facility.

Calculation is based on 150 uses per day and 220 days of use per year at 38 °C, plus water charges of €4.5 per m³ and a gas price of 20 cents/kWh.



**Single-lever tap
MODUS EH**

Tap price: **€176.40**

Water charges per year: **€445.50**

Energy charges per year: **€803.88**

**Annual
savings of
€ 687.16!**



**Self-closing tap
PURIS SC**

Tap price: **€213.90**

Water charges per year: **€200.48**

Energy charges per year: **€361.75**

Summary

The self-closing tap has returned the investment after only 18 days of use.

A comprehensive portfolio with a timeless design

For wash basins, showers, urinals and WCs

There is a SCHELL self-closing fitting model available to match any conceivable scenario. Common to all are the appealing design language and superior durability – thanks to the quality synonymous with the SCHELL name.

Self-closing wash basin taps



XERIS SC
HD-K/HD-M small



XERIS SC
HD-K/HD-M mid



PURIS SC
HD-K/HD-M



PETIT SC
HD-K/HD-M

Exposed wash basin taps



VITUS VW-SC-T



VITUS VW-SC-M



PETIT SC

Shower panels



LINUS DP-SC-T

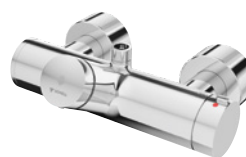


LINUS DP-SC-M/V



LINUS Inox DP-SC-T

Exposed shower fittings



VITUS VD-SC-T o/u



VITUS VD-SC-M o/u

LINUS concealed shower fittings

LINUS D-SC-T



LINUS D-SC-M



LINUS D-SC-V



LINUS Basic D-SC-T



LINUS Basic D-SC-M

Exposed WC flush valveSCHELLOMAT
Silent EcoSCHELLOMAT
Basic

SCHELLOMAT

SCHELLOMAT
Basic**Exposed urinal flush valve**SCHELLOMAT
Silent EcoSCHELLOMAT
Basic

SCHELLOMAT

SCHELLOMAT
Basic**WC controls**MONTUS WC
moduleCOMPACT II
concealed
WC flush valveEDITION/EDITION Eco
WC operating panelsAMBITION/AMBITION Eco
WC operating panels**Urinal controls**MONTUS
urinal moduleCOMPACT II
concealed urinal
flush valveEDITION
urinal operating panels

Self-closing wash basin taps

Modern design and support for user hygiene



XERIS SC mid.

The appealing, contemporary design language is shared by all self-closing wash basin taps from SCHELL. These taps also promote user hygiene, as they no longer need to be touched to stop the flow of water after hand washing is complete – a win-win situation.



XERIS SC
HD-K/HD-M small/mid

The XERIS offers an impressive, award-winning design and a range of model sizes to meet the most demanding requirements.

Product features

- For mixed water or cold water/ pre-mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment



PURIS SC
HD-K/HD-M

The PURIS series offers the durability needed for a long service life and a jointless design to ensure straightforward tap cleaning.

Product features

- For mixed water or cold water/ pre-mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment



PETIT SC
HD-K/HD-M

Thanks to the PETIT series, even smaller wash basins can be fitted out with high-quality SCHELL taps.

Product features

- For mixed water or cold water/ pre-mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment

Exposed wash basin taps

Wide range of taps – also for healthcare applications, for example



PETIT SC

Exposed wash basin taps from SCHELL are available in many different models. Ensuring that there is always a tap to match any scenario. Excellent durability means these taps also hold up to the kinds of constant use seen in public buildings – such as hospitals, for example.

**VITUS VW-SC-T**

The wide-ranging and modular variety in the VITUS series ensures that these models can always adapt to match the specific requirements on site.

Product features

- For mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment
- Pivoting draw-off
- Various outlet lengths
- ThermoProtect technology for anti-scalding protection

**VITUS VW-SC-M**

This is another reason why models in the VITUS series are perfect for use in healthcare, with its especially demanding hygiene requirements.

Product features

- For mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment
- Pivoting draw-off
- Various outlet lengths

**PETIT SC**

Thanks to its compact dimensions, the PETIT is the perfect solution for small basins. The tap's all-metal body easily handles even the toughest usage.

Product features

- For cold water/pre-mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment

Shower panels

Installation-friendly series in two popular designs



LINUS Inox DP-SC-T

LINUS shower panels combine an appealing design with solid functionality and simple installation. These panels are available in a premium stainless steel design as well as the standard aluminium. Both variants are durable, easy to care for and simple to clean.

**LINUS DP-SC-T**

The corrosion-protected aluminium extruded section with an anodised, polished surface gives the LINUS shower panels visual appeal as well as longevity.

Product features

- For mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment
- Lockable/unlockable temperature lock at 38 °C
- ThermoProtect technology for anti-scalding protection
- Convenient one-person installation

**LINUS DP-SC-M, DP-SC-V**

A well thought-out design combined with simple installation: all LINUS shower panels can be installed by a single fitter working on their own.

Product features

- For mixed water/pre-mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment
- Convenient one-person installation

**LINUS Inox DP-SC-T**

The practical and hygienic exposed shower panels in the LINUS Inox series are made from premium stainless steel to enhance any sanitary facility.

Product features

- For mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment
- Lockable/unlockable temperature lock at 38 °C
- Made from 1.4404 stainless steel, ideal for use in environments with elevated chlorine levels
- Convenient one-person installation

LINUS concealed shower fittings

Simple concealed installation combined with superior user comfort



LINUS D-SC-T

The LINUS series of concealed fittings offers a high level of showering comfort and a pleasing, minimalist visual appeal. These durable professional fittings come in a wide variety of models, and have long proven their worth on premises from schools and sports venues to spa facilities.



LINUS D-SC-T

LINUS concealed shower fittings offer an impressively durable, easy to care for finish, while their modularity covers the widest possible range of requirements.

Product features

- For mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment
- Lockable/unlockable temperature lock at 38 °C
- ThermoProtect technology for anti-scalding protection



LINUS D-SC-M

Thanks to the front panel, available in a choice of (chromed) brass or stainless steel and a (chromed) brass actuation mechanism, LINUS blends easily into any architecture.

Product features

- For mixed water/pre-mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment



LINUS D-SC-V

The modern self-closing taps feature reliable technology, and are also straightforward and convenient to use.

Product features

- For mixed water/pre-mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment

LINUS Basic concealed shower fittings

The solid, entry-level solution for concealed shower fittings



LINUS Basic D-SC-T

With the LINUS Basic series, SCHELL is able to offer a solution that guarantees the quality synonymous with its name even at a minimal level of investment. Trademark features of LINUS Basic: solid, functional and very hard-wearing.

**LINUS Basic D-SC-T**

These concealed shower fittings with a low-maintenance, stainless steel front panel are vandal-resistant and robust.

Product features

- For mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment
- Lockable/unlockable temperature lock at 38 °C
- ThermoProtect technology for anti-scalding protection

**LINUS Basic D-SC-M**

Featuring a self-cleaning nozzle bore, these low-maintenance fittings are ideal for high-traffic sanitary facilities.

Product features

- For mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment

Exposed shower fittings

Modern design – also for straightforward renovations



VITUS VD-SC-T

The VITUS shower fitting family is based on a standard body that forms the starting-point for a very wide range of variants. When combined with VITUS wash basin taps, this ensures a uniform design language across the entire sanitary facility.

**VITUS VD-SC-T o/u**

VITUS can be supplied with either a top or bottom outlet, to make shower cubicle renovations especially straightforward. SCHELL also offers a full range of accessories.

Product features

- For mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment
- Lockable/unlockable temperature lock at 38 °C
- ThermoProtect technology for anti-scalding protection
- Top or bottom connection

**VITUS VD-SC-M o/u**

The smooth chrome surface finishes, the lockable S-connections and the fact that the union nuts are covered by the rosette all make cleaning much easier.

Product features

- For mixed water
- Vandal-resistant all-metal housing
- Easy flow time adjustment
- Top or bottom connection

Exposed flush valves for WCs and urinals

Simple installation and ideal for use in existing installations



SCHELLOMAT Basic

SCHELL's versatile WC flush valve – a great choice for stadiums, railway stations or schools, for example – features a modern, self-closing cartridge design. SCHELLOMAT is the answer to facility modernisations that need to keep the existing exposed installations.

**SCHELLOMAT Silent Eco**

As with other models, the Eco variant with a 3 l economy button features an appealing design while offering quiet and reliable operation.

WC flush valve product features

- Vandal-resistant all-metal housing
- Conforms to DIN EN 12541
- Self-closing cartridge with automatic nozzle cleaning needle
- Dual flush

**SCHELLOMAT Basic**

Public and commercial sanitary applications have demanding requirements in terms of robustness. With its all-metal housing, SCHELLOMAT takes it all in its stride.

WC flush valve product features

- Vandal-resistant all-metal housing
- Conforms to DIN EN 12541
- Self-closing cartridge with automatic nozzle cleaning needle
- Flush volume easy to adjust

Urinal flush valve product features

- Vandal-resistant all-metal housing
- Conforms to DIN EN 12541
- Flush volume easy to adjust

**SCHELLOMAT**

A good modernisation solution needs to be easy and quick to install if it is to be a success. And that's what the exposed flush valve is all about.

WC flush valve product features

- Vandal-resistant all-metal housing
- Conforms to DIN EN 12541
- Self-closing cartridge with automatic nozzle cleaning needle

Concealed WC flush valve

Long-lived cartridge design plus elegant operating panels



EDITION

SCHELL's COMPACT II concealed WC flush valve forms the reliable basis for combining with a large number of SCHELL WC operating panels. The operating panels offer impressively reliability combined with an appealing front design.



MONTUS WC module/ COMPACT II concealed WC flush valve

The centrepiece is the COMPACT II roughing-in set for mounting the self-closing cartridge, made of corrosion-resistant, high-performance plastic, or the MONTUS WC module with COMPACT II.

MONTUS product features

- for stud partition or pre-wall installation
- Self-supporting steel profiled frame with powder coat finish

COMPACT II product features

- Low noise, with internal isolating valve
- Conforms to DIN EN 12541



EDITION/EDITION Eco/EDITION Eco 100 WC operating panels

With the EDITION series, SCHELL provides a wide range of variants in its popular standard design.

EDITION product features

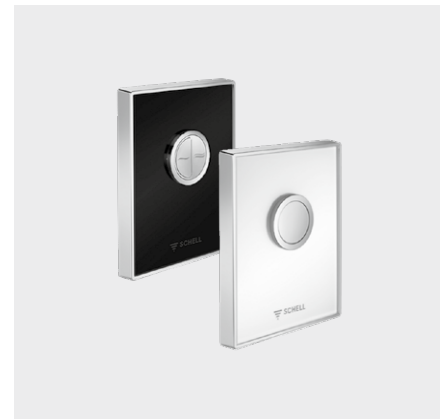
- For SCHELL COMPACT II concealed WC flush valve
- Vandal-resistant stainless steel variant
- Flush volume easy to adjust

EDITION Eco product features

- For SCHELL COMPACT II concealed WC flush valve
- Vandal-resistant stainless steel variant
- Dual flush

EDITION Eco 100 product features

- For SCHELL COMPACT II concealed WC flush valve with low installation depth of 100–160 mm
- Vandal-resistant stainless steel variant
- Dual flush



AMBITION/AMBITION Eco WC operating panels

The designer operating panels from the AMBITION series feature safety-tempered glass with a brass operating button. A high-quality design that adds the finishing touch to any facility.

AMBITION product features

- For SCHELL COMPACT II concealed WC flush valve
- Glass front panel
- Flush volume easy to adjust

AMBITION Eco product features

- For SCHELL COMPACT II concealed WC flush valve
- Glass front panel
- Dual flush

Concealed urinal flush valves

Extreme reliability for heavy-duty everyday use



EDITION

Urinal controls from SCHELL offer reliable technology paired with simple installation. Features that really pay their way for installations in schools, hospitality, office buildings or residential projects. The timeless design of the EDITION operating panels also proves that functional doesn't need to mean frumpy.



Urinal module MONTUS/ concealed urinal flush valve COMPACT II

Underneath the hood, the operating panels feature the quiet and easy to install COMPACT II concealed urinal flush valve or the MONTUS urinal module with COMPACT II.

MONTUS product features

- for stud partition or pre-wall installation
- Self-supporting steel profiled frame with powder coat finish

COMPACT II product features

- Low noise, with internal isolating valve
- Conforms to DIN EN 12541



EDITION urinal operating panels

To ensure a uniform design language, the EDITION urinal operating panels are the perfect choice for combining with the EDITION WC operating panels.

Product features

- For the SCHELL COMPACT II concealed urinal flush valve
- Vandal-resistant stainless steel variant
- Flush volume easy to adjust

Innsbruck Airport

Renovation project with modern self-closing taps from SCHELL

An energy-saving update at Innsbruck Airport: To achieve effective reductions in the consumption of water and energy, self-closing PURIS SC wash basin taps from SCHELL were chosen for renovations to the sanitary facilities.



Project data

- Austria's third-largest airport with over 50 active airlines
- SCHELL products: PURIS SC self-closing wash basin tap

Challenges

- Previous installation causing high level of water and electricity consumption, plus correspondingly high operating costs
- Daily use and high levels of traffic due to high volume of airport visitors
- Fitting use not optimised from hygiene perspective

Solutions from SCHELL

- Modern, economical PURIS SC wash basin taps enable manual actuation of the flow of water, which stops automatically after a preconfigured flow time
- Conservation of valuable resources and reduction to operating costs, thanks to self-closing taps for sustainable optimisation of building operations
- Improved user hygiene thanks to low-contact operation which reduces the risk of contact infections
- Manufactured from high-quality brass with a glossy chrome surface finish, offering hard-wearing longevity while visually enhancing the sanitary facilities



Electronic is even more economical

Electronic SCHELL fittings offer a wide range of benefits

When it comes to making even greater savings on building water and electricity use – while helping to ensure good drinking water hygiene – electronic fittings are the ideal choice. SCHELL offers a broad portfolio of electronic fittings for any application.

Controlling consumption with electronic fittings

SCHELL offers electronic fittings for wash basins, kitchens, showers, WCs and urinals. There are also exposed and concealed variants, models with stainless steel or chrome finishes ... in an ever-expanding portfolio. Electronic SCHELL fittings are perfect for making further reductions to a building's water consumption.

For example, electronic wash basin taps start automatically, interrupt the flow of water during prolonged 'soaping-up phases' and stop automatically when no longer needed. When compared to conventional fittings, water consumption can be reduced by up to 70 % for hand washing. Electronic urinal fittings also adjust automatically to usage patterns.

Support for drinking water hygiene

Anyone making the switch to electronic taps and fittings can keep operations especially cost-effective while helping to maintain drinking water hygiene. This is because important stagnation flushes can be programmed with electronic taps and fittings. This reduces the facility management workload, as manual flushes are no longer needed.

Water management with SWS

SCHELL's SWS Water Management System is used to network, monitor and control all of the corresponding SCHELL electronic taps and fittings present in a building. This enables optimisation, analysis and logging for energy usage and operations across any number of buildings – and from anywhere in the world with the SMART.SWS online service.



With electronic SCHELL taps and fittings, stagnation flushes can be programmed that offer support for maintaining drinking water hygiene.



In the case of SCHELL's electronic urinal fittings, programs can be used to control flush volumes – e.g. for half-time breaks in stadiums.

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