



WC and urinal flushing systems. By SCHELL.

SCHELL.

The specialist for public, semi-public and commercial sanitary rooms.



Plant 1
Production with administration building and training centre



EDITION Eco design operating panel
for SCHELL concealed COMPACT II WC flush valve

Ultimate hygiene, attractive design, high level of user frequency or minimal investment – just a few examples of how the requirements for urinal and WC flushing systems in public, semi-public and commercial sanitary rooms can vary. SCHELL prepares you for everything. After all, our name has been synonymous with intelligent fittings "Made in Germany" for over 80 years.

SCHELL offers you an unparalleled wide product range of intelligent solutions for WC and urinals. It includes attractive front and operating panels as well as state-of-the-art fittings and

modules. Regardless of whether for new buildings or renovations. Regardless of whether you want inexpensive manual flush triggering or a hygienic touchless variant. Regardless of whether the fitting is vandal-proof or particularly water-efficient.

Why not learn about our product features. Simply give us a call if you have questions regarding our urinal and WC flush system. We are more than happy to help.

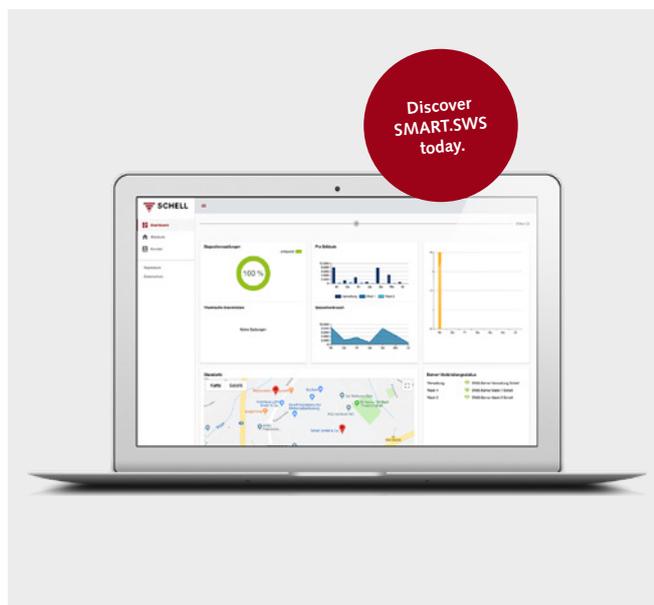
Phone +49 (0)2761 892-0
www.schell.eu

Table of contents

SCHELL SWS Water Management System	Page 4
Quality from SCHELL	Page 6
WC flushing systems	Page 8
<i>Concealed solutions Overview</i>	Page 10
Electro-mechanical control	Page 12
Manual control	Page 14
MONTUS cistern systems	Page 16
Operating panels	Page 18
<i>Exposed solutions Overview</i>	Page 20
Manual control	Page 22
Urinal flushing systems	Page 24
<i>Concealed solutions Overview</i>	Page 26
Infrared control	Page 28
Manual control	Page 30
LC siphon sensor control	Page 31
<i>Exposed solutions Overview</i>	Page 34
Infrared control	Page 36
Manual control	Page 38



SCHELL SWS Water Management System. Smart planning and control.



The SCHELL SWS Water Management System helps facility managers maintain drinking water quality, protect against damage from leaks, document runtime parameters from the drinking water installation and ensure cost-effective operation. It facilitates networking, control and monitoring of all electronic fittings by the central water management server – and that even from any place in the world with the SMART.SWS online service.

A permanently hygienic drinking water installation that protects the health of the users is priceless. It is not by chance that the legislator imposes strict conditions, non-compliance with which can have serious consequences. Stagnation flushes are mandatory; the associated water consumption is efficiently and optimally controlled with the SCHELL SWS Water Management System – this also applies to many

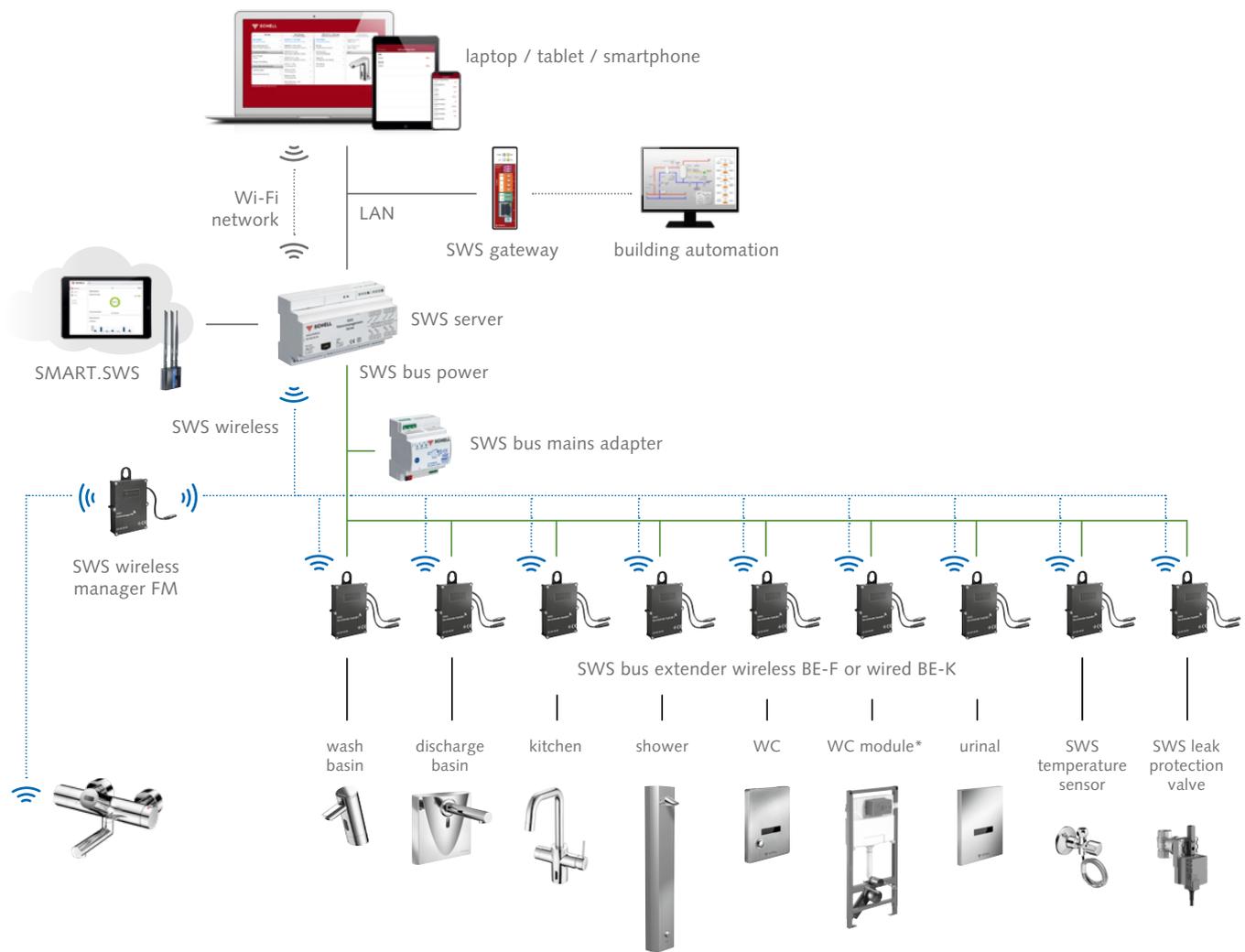
SCHELL WC fittings and urinal fittings as well as the MONTUS Flow cistern module. If a WC or urinal is then located at the end of a water run, these runs can also be integrated into the stagnation flushes.

With SCHELL SWS fittings can be linked both by cable and wireless. This means support with achieving conformity with VDI 6023 and safeguarding of drinking water installation against dangerous bacteria like legionella. SCHELL is thus offering a practical, cost-effective solution to help maintain safe levels of drinking water quality.

The SCHELL water management system SWS works according to the principle: few building blocks – many options. The heart of the system is the SWS Server, through which all fittings are connected via a bus extender – either wireless or cable-based.

SCHELL SWS is a browser-based solution. No need to install any software. To access server data, all you need is a web browser running on a PC, laptop, tablet or smartphone. Thanks to the server's dual Ethernet and Wi-Fi interface, all configuration, setting and diagnostic work can be completed easily with a few mouse clicks.

If you have already integrated a hygiene model into the building with SCHELL SWS or the SSC Bluetooth module you can simply expand it. The wide range of setting options via SWS or SSC means that flush intervals – for example – can be ideally matched to local conditions and circumstances.



SCHELL inside.

WC flushing systems
concealed

WC flushing systems
Exposed

Urinal flushing systems
concealed

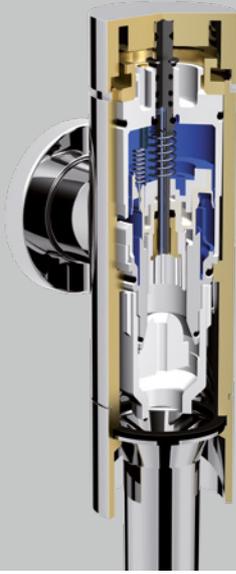
**Smart planning and control:
Using SMART.SWS – regardless of your location.**

SMART.SWS is a visualisation solution for one or more buildings using SCHELL SWS. It is based on data from the SWS Server. SMART.SWS offers a quick overview of the most important runtime parameters for the SWS systems. In addition to viewing a single SWS Server, multiple SWS Servers can be viewed together. The use of SMART.SWS does not depend on a particular location.

*SWS bus extender wireless BE-F Flow or wired BE-K Flow

Urinal flushing systems
Exposed

Sanitary rooms can be tough environments. But we love to meet such challenges.



SCHELL combines intelligent technology and top quality materials



Management System
ISO 9001:2015
www.tuv.com
ID: 9108624872

High user frequency, carelessness, vandalism or contact with various cleaning products – only several examples that highlight the fact that urinal and WC flush valves are subjected to an ordeal on a daily basis.

Reason enough for SCHELL to attach importance to using top-quality materials and having a sophisticated design. This is the only way to achieve a long service life and provide effective protection against any possible vandalism. SCHELL provides numerous solutions for this purpose. Hence there are SCHELL fittings made of all metal. In addition to designs in plastic, we also offer WC and urinal actua-

tion and front panels in stainless steel. Our LC urinal control system, for which the fittings do not have to be visibly installed behind ceramic units or tiles, has proven to be particularly vandal-proof.

But that's not enough: Our products and processes are continuously tested and are distinguished by the relevant quality and safety features. For example, quality management at SCHELL is certified by TÜV Rheinland in accordance with DIN EN ISO 9001:2008. The best prerequisites for durable products "Made in Germany".

SCHELL products withstand many challenges.
 No reason, though, to neglect good taste.



EDITION E urinal control



SCHELLOMAT Basic urinal flush valve

Products by SCHELL have always epitomised stylish and functional design. They meet the most exacting requirements for aesthetics and can be easily integrated in modern sanitary rooms thanks to their timeless shape.

Another advantage: The more sophisticated the site and attractive the design of the fitting – the higher the threshold for vandalism. All the more reason to opt for the multi-award winning SCHELL products.



reddot design award
winner 2004



DESIGNPREIS
2006
NOMINIERT



PLUS X AWARD
ausgezeichnet für:
Innovation
High Quality
Funktionalität



PLUS X AWARD
2013 Ausgezeichnet für:
Innovation
High Quality
Design
Bodienkomfort
Ökologie
www.plusxaward.de



product
design
award
2010



DESIGN
AWARD
2020



DESIGN PLUS



Designpreis
Deutschland
2012
NOMINIERT



GERMAN
DESIGN
AWARD
WINNER
2018



product
winner



INNOVATIVE
INTERIOR
winner



SCHELL inside.

WC flushing systems
concealed

WC flushing systems
Exposed

Urinal flushing systems
concealed

Urinal flushing systems
Exposed

Modules

WC Flushing Systems.

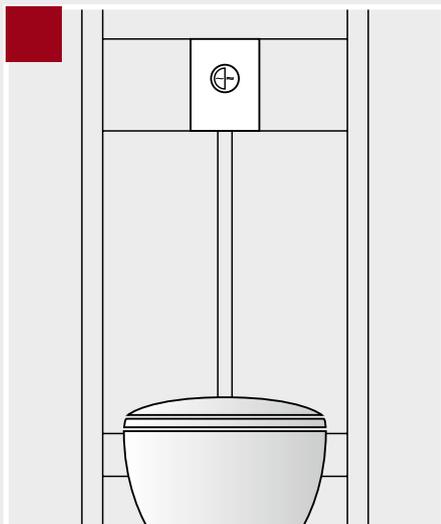


Concealed solutions
Exposed solutions



Concealed WC flushing systems.

By SCHELL.



Solutions to suit your needs

An increasing number of concealed WC flushing systems can be found in public, semi-public and commercial sanitary rooms. As the requirements can vary here, SCHELL has a broad range of products to provide the perfect solution. If, for example, always being ready to flush and minimal space requirement are important, then tried-and-tested SCHELL flush valves are the right choice. If the pipe size is small, then a cistern by SCHELL is the right choice. Both systems feature water-saving functions as a matter of course.

Reliable flush valve systems

WC flush valves by SCHELL feature the self-closing SC cartridge. Characteristics: reliable operation thanks to corrosion-resistant top quality plastic. To prevent the build of deposits in the nozzle orifice, the WC cartridge additionally has an automatic nozzle cleaning needle. It is actuated with every flush. A filter provides additional protection against contamination.

Modern cistern solutions and operating panels

Cistern solutions MONTUS by SCHELL have been specifically developed for public, semi-public and commercial sanitary rooms.

Vandal-proof quality

In contrast to privately used sanitary rooms, WC fittings, for example at airports, railway stations or stadia have to withstand heavy duty usage. The SCHELL solution: Vandal-proof designs.

Stylish design

With SCHELL, you no longer have to compromise on sophisticated design in public, semi-public and commercial sanitary rooms.

Module for easy installation

Matching our concealed WC flush systems, we provide you with SCHELL modules that make the installation extremely easy.

Your wish

The prefab set solution by SCHELL

Principle

Function

Technology

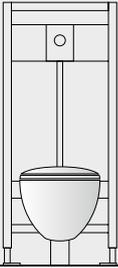
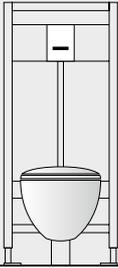
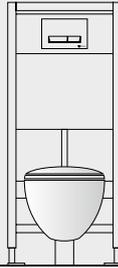
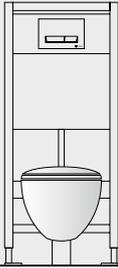
Special features

Roughing in set

Control unit

Masonry installation

Module
Dry wall installation

WC flushing systems: CONCEALED SOLUTIONS				
A water-saving and inexpensive solution, which is always ready to flush	A solution for low pressure	A flush valve solution for top hygiene standards and economic use of water.	An economical and water-saving solution for minimal pipe cross-section	Cost-effective solution to help maintain safe levels of drinking water quality
EDITION	EDITION ND EDITION Eco ND/ ND 100	EDITION E / EDITION E MANUAL	MONTUS cistern system	MONTUS Flow cistern system
				
Manual actuation	Manual actuation	Actuated by exiting the sensor range	Manual actuation	Manual or touchless actuation
<i>Hydraulic cartridge push button</i>	<i>Hydraulic cartridge push button</i>	<i>Infrared controlled flush valve</i>	<i>Cistern system</i>	<i>Cistern system</i>
<ul style="list-style-type: none"> · Single/dual flush · 9 l flush · Adjustable 3 l economic flush · Attractive finishes 	<ul style="list-style-type: none"> · Single/dual flush · Adjustable 6 l flush · 3 l economic flush · Attractive finishes · Suitable for low pressure (0.8 – 2.5 bar) 	<ul style="list-style-type: none"> · Solenoid valve · Battery and mains operated design · Optional with mechanical actuation in case of a power failure · Stagnation flush 	<ul style="list-style-type: none"> · Available in various designs/variants · Disabled toilet installation possible · 3 l economic flush 	<ul style="list-style-type: none"> Integrated stagnation flush Plug-and-play installation · Compatible with all MONTUS operating panels
COMPACT II	COMPACT II ND	COMPACT II	Module	Module
SC cartridge	SC cartridge	Solenoid valve + SC cartridge	Outlet valve	Solenoid valve
No	Yes	No	Yes	No
Yes	No	Yes	Yes	Yes

WC flushing systems
concealed

WC flushing systems
Exposed

Urinal flushing systems
concealed

Urinal flushing systems
Exposed

Modules

EDITION E WC control system.

Hygiene and saving water perfectly combined.

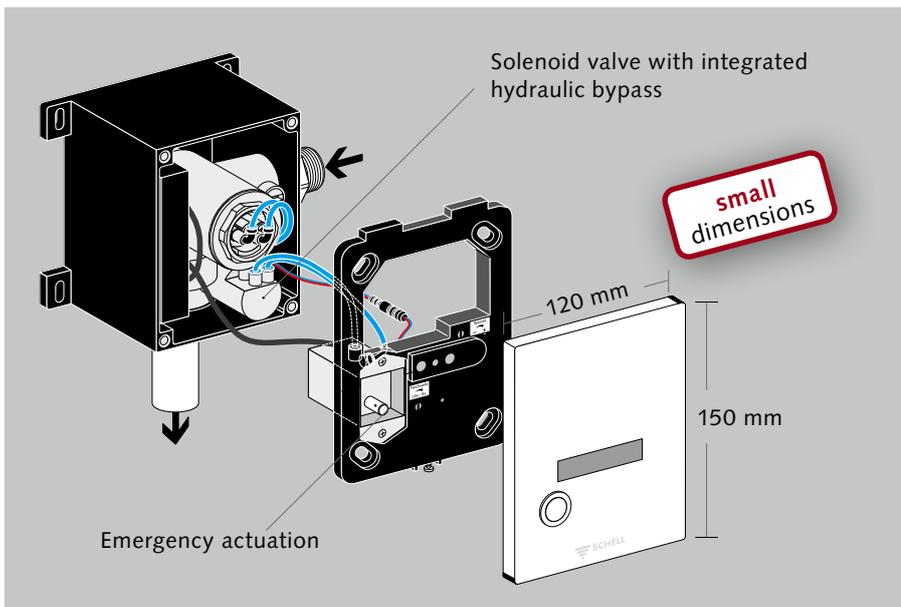


COMPACT II WC flush valve

With the touchless, infrared WC control EDITION E system for the COMPACT II concealed WC flush valve, SCHELL is offering a particularly hygienic and water-efficient solution that perfectly matches the EDITION urinal series. The flush is triggered by the hand approaching in the proximity area or automatically when leaving the WC (room monitoring). Good to know: In the version with emergency actuation, the flush can also be actuated manually in the event of a power failure by pressing the push button. The stainless steel front panel is designed for use in public and commercial sanitary rooms.

Advantages:

- Touchless and thus a particularly hygienic solution
- Flush volume: 3.0–9.0 l
factory settings: 6.0 l
- Durable cartridge design with nozzle cleaning needle and cartridge solenoid valve
- Stagnation flush every 24 hours after the last flush
- Actuation via hand in front of sensor window 20–50 mm
- Room monitoring adjustable from 500–800 mm
- Battery or mains operation



Technical data:

- Flow pressure: 1.2–5.0 bar
- Flush rate: 1.0–1.3 l/s
- Flush volume: 3.0–9.0 l
- Noise class: I
- Fitting connection: G 3/4 ET
- Connection line: DN 25

Compatible with:

- COMPACT II concealed WC flush valve
- Module COMPACT II

WC CONTROL SYSTEM

EDITION E

for SCHELL COMPACT II
concealed WC flush valve

Material:

Stainless steel front panel

- Vandal-proof



WC control EDITION E and EDITION E
Manual with emergency actuation

EDITION WC flush system. Flush valve series with Eco version.



COMPACT II WC flush valve

With the EDITION series of the WC flush valve SCHELL provides a wide range of variants with differing designs for different areas of application. There is the self-closing EDITION version also for low pressure (EDITION ND). In addition, there is also an Eco version for both products offering dual-flush functionality. If a building structure only permits a wall installation depth of 100–160 mm, EDITION Eco 100 with dual-flush functionality is the perfect solution.

The heart of this WC flush valve is the COMPACT II roughing-in set for mounting the self-closing cartridge made of corrosion-resistant high-grade plastic (prefab kit included in scope of delivery). The cartridge is protected from contamination by a filter.

Advantages:

- Always ready to flush
- Cost-effective solution
- Durable cartridge design with nozzle cleaning needle
- Attractive selection of compact operating panels (153.5 x 124 mm)
- Adjustable flush volume (4.5–9 l)
- Suitable for 4.5 l WC economy ceramic units
- EDITION with numerous designs

Technical data:

- Flow pressure: 1.0–1.3 bar, from 0.8 bar for low-pressure designs
- Flush rate: 1–1.3 l/s
- Flush volume: 3/4.5–9 l, 3/4.5–6 l for low-pressure designs
- Noise class: I, II for low-pressure designs
- Fitting connection: G 3/4 AG, G 1 AG for low-pressure designs
- Connection line: DN 25

Compatible with:

- Module COMPACT II



WC Module COMPACT II



EDITION Eco WC operating panel

WC flushing systems
concealed

EDITION

EDITION/EDITION Eco
for SCHELL COMPACT II
concealed WC flush valve

- **chrome**
material: Front panel made from plastic
- **alpine white**
material: Front panel made from plastic
- **vandal-proof**
material: Stainless steel front panel

EDITION, low pressure (ND)

**EDITION ND/EDITION Eco ND/
EDITION Eco ND 100**
for SCHELL COMPACT II ND
concealed WC flush valve

- **chrome**
material: Front panel made from plastic
- **alpine white** (for version with standard installation depth only); material: Front panel made from plastic
- **vandal-proof**
(for version with standard installation depth only); material: Stainless steel front panel

Minimal installation depth

**EDITION Eco 100/
EDITION Eco ND 100**
for SCHELL COMPACT II/
COMPACT II ND concealed
WC flush valve

- **chrome**
material: Front panel made from plastic

WC flushing systems
Exposed

Urinal flushing systems
concealed

Urinal flushing systems
Exposed

Modules



MONTUS modules.

Perfect solution behind the wall.



MONTUS Flow cistern module



The MONTUS Flow cistern module expands the SCHELL SWS Water Management System to add support for maintaining hygienic levels of drinking water quality: All major tapping points in (semi-)public and commercial facilities can now make use of this option for running stagnation flushes. In this way, SCHELL helps you achieve conformity with VDI 6023 and safeguard your drinking water installation against dangerous bacteria like legionella. If you have already integrated a hygiene model into your building with SCHELL SWS or SSC you have the option of easily expanding this system with the MONTUS Flow cistern module. The wide range of setting options via SWS and SSC means that flush intervals, for example, can be ideally matched to local conditions and circumstances.

Advantages:

- Versions with water-saving dual flush functionality
- Sophisticated design
- Robust quality
- Individually adjustable flush volume (main flush volume 6.0/7.0 l)
- Modules for stud partition or exposed installation, suitable for dry and wet installations and barrier-free feature

Technical data:

- MONTUS Flow with integrated stagnation flush
- Small flush volume: 3 l
- Large flush volume: 6.0/7.0 l, adjustable
- Factory settings 3 and 6 l
- Fitting connection: R 1/2 AG

MONTUS Flow

WC module for dry wall installation





WC module MONTUS C 120
dry wall installation



WC module MONTUS C
with two high load mounting modules

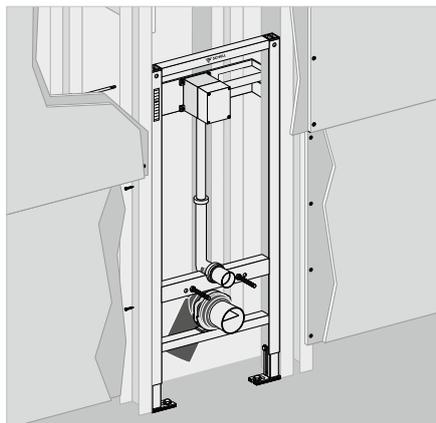


The perfect supplement:
The brochure "**For professional sanitary rooms. Exposed installation systems. By SCHELL.**" – available also as download.

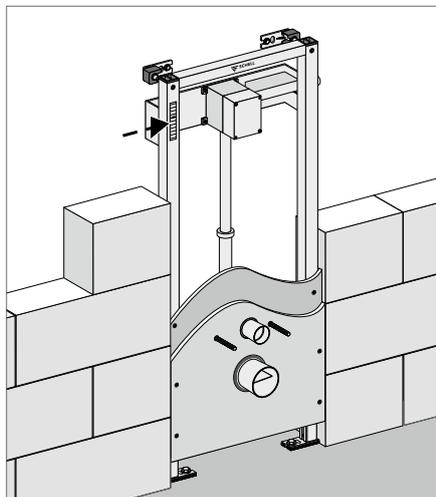
Installation examples for dry and wet construction with MONTUS COMPACT II WC module

SCHELL is a recognised manufacturer of innovative flush systems and has also made a good name for itself in the field of electronically controlled sanitary fittings. SCHELL offers the right installation technology for each of these products. You will always make the right choice with SCHELL whether for private or public sanitary facilities, wash basins or WCs, for dry wall installation or wet construction.

SCHELL exposed installation systems offer modules for dry wall installation with stud partitions (wood or metal) or for wet construction – a complete range with innovative detailed solutions.

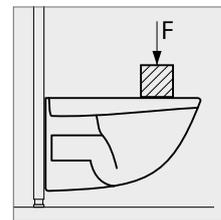


Mounted within a rail system
Dry wall installation

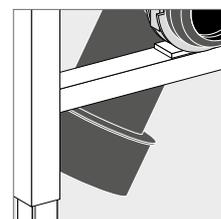


Mounted in front of a solid wall
Masonry installation

Installation technology in detail



WC load test 400 kg
In conformity with
DIN EN 997



WC connection adapter
Ø 90/110 mm

Operating panels.

Stylish addition to the cistern system.



Stylish and robust operating panels complete the product range. They were developed by SCHELL to meet the requirements for daily use in public and commercial sanitary rooms.

In addition to a large selection for manual actuation there is also a touchless version available – for even more hygiene.

Advantages:

- Versions with water-saving dual flush functionality
- Sophisticated design
- Robust quality
- Material: high-grade ABS plastic or zinc diecast
- Choice of finishes

TOUCH-FREE ACTUATION

MONTUS Field E

Dual flush with stagnation flush

Material:

Zinc diecast; chrome finish



MANUAL ACTUATION

MONTUS Field

Dual flush

Material:

Zinc diecast; chrome, matt chrome finish



MANUAL ACTUATION

MONTUS Field H

Disabled single flush

Material:

Zinc diecast; chrome finish



Triggering possible also via operating button on support handle.

MANUAL ACTUATION

MONTUS Place

Dual flush

Material:

ABS plastic; brushed stainless steel finish

Actuation also from the top (not compatible then with MONTUS Flow)



MANUAL ACTUATION

MONTUS Circum

Dual flush

Material:

ABS plastic; chrome, matt chrome, white finish



MANUAL ACTUATION

MONTUS Board

Dual flush

Material:

ABS plastic; chrome, matt chrome, white finish



MANUAL ACTUATION

MONTUS Tower

Dual flush

Material:

ABS plastic; chrome, matt chrome, white finish



MANUAL ACTUATION

MONTUS Konkav

Dual flush

Material:

ABS plastic; chrome, matt chrome, white finish



WC flushing systems
concealed

WC flushing systems
Exposed

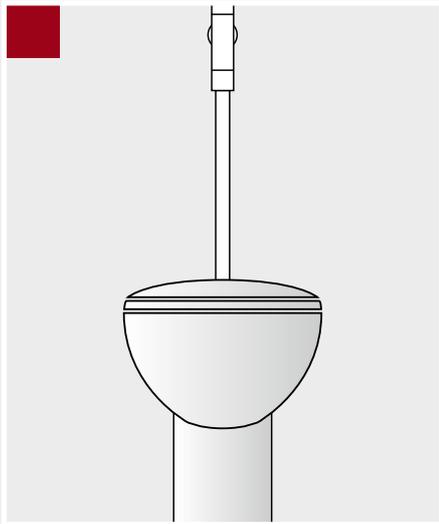
Urinal flushing systems
concealed

Urinal flushing systems
Exposed

Modules

WC exposed flush valves.

By SCHELL.



Perfect refurbishment solution

Whenever WC systems need to be refurbished and existing exposed installations must be used, flush valves made by SCHELL have proven to be the ideal solution.

Always ready to flush

Advantage of every SCHELL exposed WC flush valve: always ready to flush. This pays off in sanitary rooms with a high user frequency. For example in stadia, stations or schools.

Reliable cartridge design

The self-closing SC cartridge is integrated in exposed WC flush valves made by SCHELL. It is made of a corrosion-resistant polymer and ensure reliable operation. To prevent blockages arising in the nozzle orifice, the cartridge features an automatic nozzle cleaning needle which is active with every flush. A filter provides additional protection against contamination.

Robust materials

There is a reason for our fittings having an all-metal housing: They must be able to withstand tough everyday use.

Easy installation

A good refurbishment solution can only be successful if it is easy and quick to install. And that applies exactly to the exposed WC flush valves by SCHELL.

WC FLUSHING SYSTEMS: Exposed solutions

Your wish	A simple, cost-effective and fast refurbishment solution	An attractive solution for the inexpensive refurbishment
The solution from SCHELL	SCHELLOMAT	SCHELLOMAT Silent Eco SCHELLOMAT Basic SCHELLOMAT Basic ND
Principle		
Function	Manual actuation of the lever	Manual actuation of the push button
Technology	<i>Hydraulic cartridge</i>	<i>Hydraulic cartridge</i>
Special features		<ul style="list-style-type: none"> • Noise class I (SCHELLOMAT Silent Eco) • Noise class II (SCHELLOMAT Basic, SCHELLOMAT Basic low pressure)
Control unit	SC cartridge	SC cartridge

WC flushing systems
Exposed

Urinal flushing systems
concealed

Urinal flushing systems
Exposed

Modules

SCHELLOMAT exposed WC flush valve.

One name, many solutions.



WCs with exposed flush valves can still be found in many public, semi-public or commercial sanitary rooms. When the task at hand is to upgrade to the state-of-the-art, SCHELLOMAT is the only viable choice.

With this product line we offer a broad choice of solutions to suit your requirements. Beautiful design, economic water consumption, robust in everyday use and reliable operation. And that for many years.

Advantages:

- Perfect for simple refurbishment projects
- Durable cartridge design with nozzle cleaning needle
- Robust materials
- Optional integrated service isolating valve
- Available as Eco model with silent 3 l economic button
- Also available for low pressure models



SCELLOMAT

Technical data:

- For flush-out and wash-down bowls
- Flow pressure: from 1.2 bar
- Flush volume: 6 l
- For flush pipe Ø 28 x 26 mm
- Flow rate regulation
- Automatic nozzle cleaning needle



SCELLOMAT DN 20

Technical data:

- Flush rate: 1.0–1.3 l/s
- Flow pressure: 1.0–5 bar
- Flush volume: 6.0–14.0 l (adjustable)
- Material: Brass housing, brass parts in contact with water conform to German drinking water regulation (TrinkwV)
- Finish: chrome
- Connection: DN 20 G 3/4 AG
- Flush pipe connection: Ø 26 mm



SCELLOMAT Basic

Technical data:

- Flush rate: 1.0–1.3 l/s
- Flow pressure: 1.2–5 bar
- Flush volume: 4.5–9.0 l (adjustable)
- Noise class: II
- Integrated service shut-off valve
- Fitting connection: G 3/4 AG



SCELLOMAT Basic (low pressure)

Technical data:

- Flush rate: 1.0–1.4 l/s
- Flow pressure: 0.4–4 bar
- Flush volume: 8–14 l (adjustable)
- Noise class: II
- Fitting connection: G 1 AG



SCELLOMAT Silent Eco

Technical data:

- Flush rate: 1.0–1.3 l/s
- Flow pressure: 1.2–5.0 bar
- Dual flush: eco flush volume 3 l, main flush volume 4.5–9.0 l
- Noise class: I
- Optional: integrated service shut-off valve
- Fitting connection: G 3/4 AG

Urinal flushing systems.

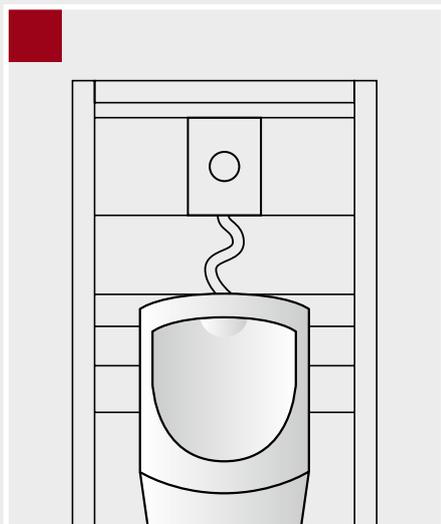


Concealed solutions
Exposed solutions

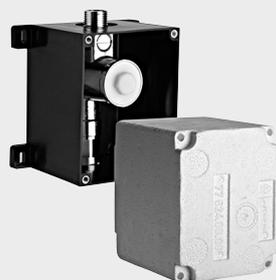


Urinal concealed flushing systems.

By SCHELL.



The SCHELL roughing in set COMPACT II



Solutions to suit your needs

Do you have high hygiene standards? Value economical water usage and robustness? Or do you plan a new construction or refurbishment? Irrespective of which aspects in fitting public, semi-public sanitary rooms are the main focus – SCHELL offers an unparalleled range of concealed urinals to suit your requirements.

Intelligent technologies

Urinal fittings by SCHELL are available with manual actuation and electronic actuation via sensor. The integrated self-closing cartridge (included with front panels scope of delivery) used for manual actuation is made of corrosion-resistant high-grade plastic. Moreover, the cartridge is protected from contamination thanks to a filter. The flush volumes are easily and quickly adjusted via a setting screw at the front. Good to know: If your requirements should change, the mechanical cartridge can be replaced by an infrared-controlled variant.

Attractive front panels

An absolute must: Front panels for urinal flush systems. SCHELL offers an attractive choice of designs and materials such as chrome-plated plastic or stainless steel. They have all been specifically developed to suit the special requirements of public, semi-public and commercial sanitary rooms. Incidentally: The front panels for SCHELL WC and urinal flush systems have precisely the same compact dimensions.

Compatible modules

Whether wet or dry wall installation, SCHELL offers modules compatible with our concealed urinal systems which leave nothing to be desired.

Your wish

The solution from SCHELL

Principle

Function

Technology

Special features

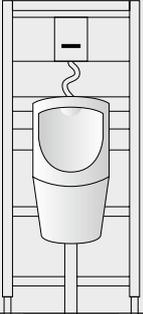
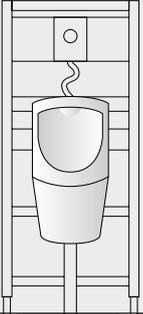
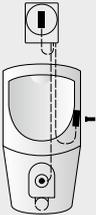
Control unit

Concealed flush valve
COMPACT II

Module
Masonry installation

Module
Dry wall installation

Urinal flushing systems: Concealed SOLUTIONS

<p>A proven solution, touch-free with short reaction times.</p>	<p>A reliable and inexpensive solution, which does not require an external energy source.</p>	<p>A universal solution for high standards of hygiene, economic water usage and protection against vandalism.</p>	<p>A hygienic and vandal-proof solution suitable for retrofitting.</p>
<p>EDITION E</p>	<p>EDITION</p>	<p>COMPACT LC</p>	<p>RETROFIT LC</p>
			
<p>Actuated by exiting the sensor range</p>	<p>Manual actuation</p>	<p>Actuated by movement and temperature change in the urinal siphon</p>	<p>Actuated by movement and temperature change in the urinal siphon</p>
<p><i>Infrared sensor</i></p>	<p><i>Push button</i></p>	<p><i>LC siphon sensor</i></p>	<p><i>LC siphon sensor</i></p>
<ul style="list-style-type: none"> · Stagnation flush · Stadium operation 	<ul style="list-style-type: none"> · No external power source required 	<ul style="list-style-type: none"> · Stagnation flush · Stadium operation · Overflow protection · Diagnostics via reed contact (accessory) 	<ul style="list-style-type: none"> · Stagnation flush · Stadium operation · Overflow protection · Diagnostics via reed contact (accessory)
<p>Cartridge solenoid valve</p>	<p>SC cartridge</p>	<p>Cartridge solenoid valve</p>	<p>Cartridge solenoid valve</p>
<p>Yes</p>	<p>Yes</p>	<p>Yes</p>	<p>No</p>
<p>Yes</p>	<p>Yes</p>	<p>No</p>	<p>No</p>
<p>Yes</p>	<p>Yes</p>	<p>Yes</p>	<p>No</p>

EDITION E urinal control system.

A clean deal.

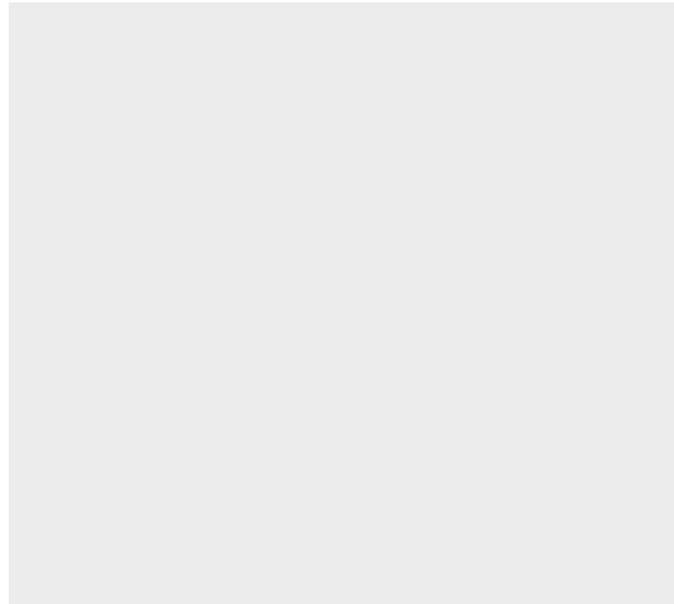


The EDITION E/AMBITION E urinal control is the ideal solution for anyone expecting much on urinals in terms of hygiene. The infrared sensor detects the user and releases the preset flush volume as soon as the sensor's detection range has been exited – and all this is touchless. The urinal control features an integrated stagnation flush to prevent standing water in the supply line and the development of odour due to the siphon drying out. It ensures an automatic flush every 24 hours after the last

actuation. Additional benefit: the water-saving adjustment for the flush duration. EDITION E/AMBITION E is available with 5 attractive front panels of different materials and either as a mains or battery-powered version. The battery-powered version contains a control diode in the sensor window to indicate any necessary battery change in good time.

Advantages:

- Hygienic operation
- Reliable infrared control
- 5 attractive operating panels (153.5 x 124 mm)
- Optionally mains or battery operation
- Integrated stagnation flush
- Stadium operation



Technical data:

- Flow pressure: 0.8–5 bar
- Flush rate: 0.3 l/s
- Flush volume: 1–6 l (adjustable)
- Noise class: I
- Fitting connection: G 1/2 AG

Compatible with:

- COMPACT II concealed urinal flush valve
- Module COMPACT II
- COMPACT II wet construction module

Front panel designs:

Urinal control EDITION E
for SCHELL concealed urinal flush valve COMPACT II

- **chrome/alpine white**
material: Front panel made from plastic
- **vandal-proof**
material: Stainless steel front panel



EDITION E urinal control front panel

Urinal operating panel EDITION. Inexpensive. Robust. Beautiful.



COMPACT II flush valve



Concealed flush valves by SCHELL are the growing trend. This comes as no surprise as they offer reliable technology at low investment costs. Advantages that pay off when used in schools, gastronomy, administrative buildings or residential building projects. The timelessly designed operating panels – including a vandal-proof stainless steel version – prove that practicality can also be beautiful.

Incidentally: If your requirements should ever change, the mechanical flush can be replaced by an infrared controlled, battery-operated flush.

Advantages:

- Self-closing
- Durable cartridge design
- 3 attractive operating panels
- Compact dimensions (153.5 x 124 mm)
- Large adjustment range (1–6 litres)
- Nozzle bore pre-filter

Technical data:

- Flow pressure: 0.8–5 bar
- Flush rate: 0.3 l/s
- Flush volume: 1.0–6.0 l
- Noise class: I
- Fitting connection: G 1/2 AG

Compatible with:

- COMPACT II concealed urinal flush valve
- Module COMPACT II
- COMPACT II wet construction module

Operating panel designs

EDITION design operating panel for SCHELL COMPACT II concealed urinal flush valve

- **chrome/alpine white**
material: Front panel made from plastic
- **vandal-proof**
material: Stainless steel front panel



Urinal operating panel
COMPACT EDITION

COMPACT LC urinal control. Clean, safe & universal usage.



Urinal module COMPACT II / LC



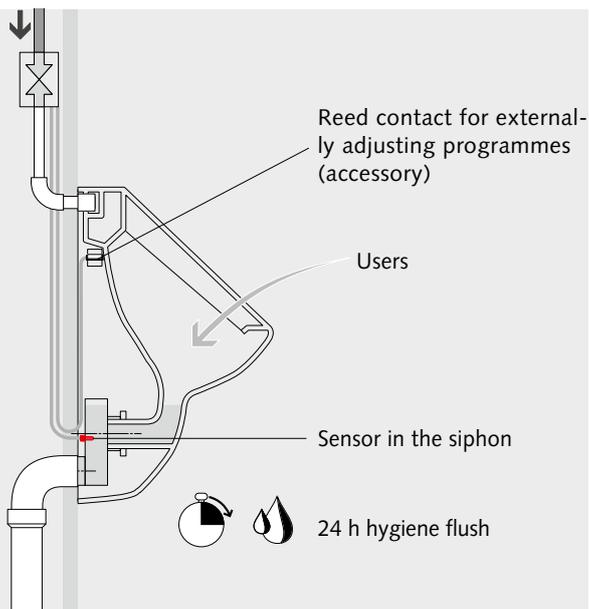
COMPACT LC placed behind the urinal

Wherever the highest of hygiene standards and enormous robustness are required, the COMPACT LC performs best. After all, the sensor-controlled flush is actuated touchless and is particularly hygienic. The concealed position of the flush valve, control electronics and power supply make the COMPACT LC ideal for tough everyday use. The components can be located behind the ceramic unit or behind a robust stainless steel front cover above the urinal.

The encapsulated, corrosion-proof LC sensor is located in the siphon. It reliably detects the flush flow required by the user – even when there is major urine scaling or caking. If the contents of the siphon should ever dry out or be extracted due to low pressure in the wastewater system, the siphon is automatically topped up.

Reliable and simple, even the programming of the COMPACT LC: Three water-saving flush programs (accessory) can be set via an external reed switch with a magnetic key (1 l-flush, 2 l-flush, hybrid control for urinals with sealing liquid to prevent the development of odour). There is also a service program (with cleaning stop, cleaning flush and interval flush for intensive cleaning) available as well as a diagnostics program (for checking the solenoid valve, sensor and battery capacity).

Together with the COMPACT II urinal roughing in set, the COMPACT LC control can be used universally for all urinal bowls, including stainless steel bowls.



COMPACT LC placed above the urinal

Advantages:

- Hygienic and vandal-proof control
- Universal use for all ceramic and stainless steel bowls
- 3 water-saving flush programs adjustable externally via a magnetic key (accessory)
- Optionally mains or battery operation
- Integrated stagnation flush
- Stadium operation
- Integrated overflow protection
- Odour trap monitoring, even at low water level
- Diagnostics program*
- Hybrid program*

* Setting and diagnostics program are carried out using reed switch and magnetic key (accessories)

Technical data:

- Flow pressure: 0.8–5 bar
- Flush rate: 0.3 l/s
- Flush volume: 1 or 2 l
- Noise class: I
- Fitting connection: G 1/2 AG

Compatible with:

- COMPACT II concealed urinal flush valve
- Module COMPACT II



- 1 Magnetic key for program adjustment via reed contact (accessory)
- 2 Siphon with factory-integrated, encapsulated sensor

COMPACT RETROFIT LC urinal control. Reliable flush technology for retrofitting.



The automatic RETROFIT LC urinal control allows for vandal-proof installation in public sanitary rooms. Little effort is required to retrofit older mechanical or electronic sanitary installations to modern, reliable and convenient flush equipment. All installation components are wall-mounted and covered by sanitary ceramic. Perfect and long-lasting reliability is ensured by the advanced LC technology. An LC sensor ensures precise user detection. The flush is triggered precisely via the mains adapter/ battery-operated sanitary electronics.

Compatible with the following urinals:

KERAMAG:

Aller, Public Line, Renova

VILLEROY & BOCH:

Magnum, Subway, Arriba

Technical data:

- Flow pressure: 0.8–5 bar
- Flush rate: 0.3 l/s
- Flush volume: 1 or 2 l
- Noise class: I
- Fitting connection: G 1/2 AG

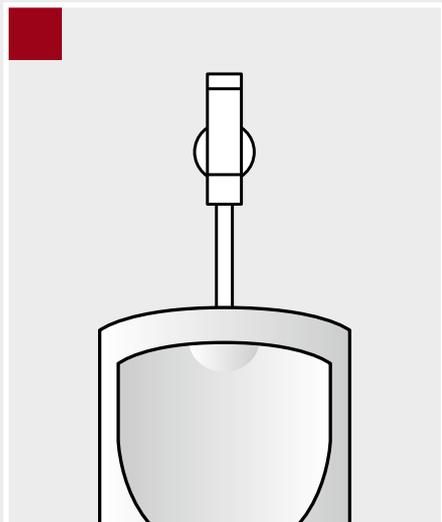
Advantages:

- Hygienic and vandal-proof control
- Ideal for renovating existing sanitary systems
- 3 water-saving flush programs adjustable externally via a magnetic key (accessory)
- Optionally mains or battery operation
- Integrated stagnation flush
- Stadium operation
- Integrated overflow protection
- Odour trap monitoring, even at low water level
- Diagnostics program*
- Hybrid program*

* Setting and diagnostics program are carried out using reed switch and magnetic key (accessories)

Exposed urinal flushing systems.

By SCHELL.



Perfect retrofitting options available

Exposed urinal flush valves can be always used where the desire for a high degree of functionality must be combined with limited budgetary options. Prerequisites that are typical of public, semi-public and commercial sanitary rooms. Hence it is all the more important that SCHELL has developed solutions that meet these contrasting requirements. Other features of these fittings include water-saving technology, hygienic actuation, robust quality and attractive design.

Reliable cartridge design

The self-closing SC cartridge is integrated in all exposed urinal flush valves made by SCHELL. It is made of corrosion-resistant high-grade plastic/brass DIN EN and ensures reliable operation. To prevent deposits building up in the nozzle orifice, the cartridge features an automatic nozzle cleaning needle which is active with every flush. A filter provides additional protection against contamination.

Compatible modules

Modules help to set up or renovate sanitary facilities quicker. SCHELL therefore offers you ideal solutions for the efficient installation of our exposed urinal flush valves.

Urinal flushing systems: Exposed SOLUTIONS

Your wish	An inexpensive standard solution, which does not require an external energy source.	A touchless solution that fulfils the highest of hygiene requirements.
The solution from SCHELL	SCHELLOMAT Basic	SCHELLTRONIC
Principle		
Function	Manual actuation	Actuated by exiting the sensor range
Technology	<i>Push button</i>	<i>Infrared sensor</i>
Special features	<ul style="list-style-type: none"> · With or without isolating valve · No external power source required 	<ul style="list-style-type: none"> · For new buildings and refurbishment projects · With isolating valve · 4 x 1,5 V AAA alkaline batteries
Control unit	SC cartridge	Cartridge solenoid valve
Module	Yes	Yes

SCHELLTRONIC infrared urinal flush valve.

More hygiene in an instance.



Satisfying high hygiene standards is easier than ever before with the SCHELLTRONIC exposed solution. An old manual fitting can be replaced with the infrared-controlled urinal flush valve without any further conversion work. The reliable infrared sensor system ensures that the flush can be actuated touchless. Setting the required flush volume is conceivably easy. All components are easily accessible and connected to each other with plugs that cannot be incorrectly connected. If a battery needs replacing, the LED flashes prominently in the sensor window. A battery change just takes about two minutes. Thanks to an isolating valve other urinals remain in use during service work.

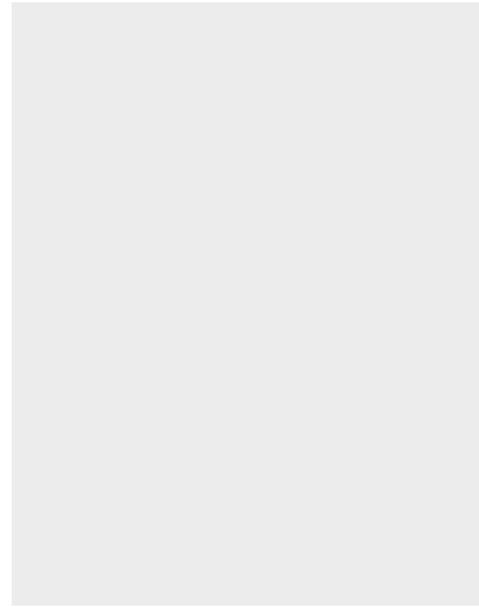
Making it very suitable to its use in public, semi-public and commercial sanitary rooms, SCHELLTRONIC comprises a robust housing made of brass and features an integrated stagnation flush. It ensures an automatic flush 24 hours after the last triggering.

Advantages:

- Touch-free operation
- Fulfills high hygienic requirements
- Quick and easy to replace
- Robust materials
- Battery operation
- Isolating valve
- Attractive design
- Also available in Benelux version (incl. pipe interrupter)

Compatible with:

- Dry wall installation and wet construction urinal module



SCHELLTRONIC

Technical data:

- Flush rate: 0.3 l/s
- Flow pressure: 0.5–5 bar
- Flush time: 2–15 s (adjustable)
- Noise class: II
- Fitting connection: G 1/2 AG
- Flush pipe Ø 18 x 200 mm
- Optionally available with external connector for flush pipe



SCHELLTRONIC Benelux model

Technical data:

- Flush rate: 0.3 l/s
- Flow pressure: 0.5–5 bar
- Flush time: 2–15 s (adjustable)
- Noise class: II
- Fitting connection: G 1/2 AG
- Flush pipe Ø 15 x 300 mm
- Optionally available with external connector for flush pipe



SCHELLOMAT Basic urinal flush valve.

Beautiful, robust and tailor-made for refurbishments.



Urinals with exposed flush technology are always found where cost-effective and functional solutions are favoured. This includes schools, service stations, gastronomy and commercial enterprises. Once a new building or refurbishment of sanitary rooms is planned or necessary, the SCHELLOMAT EDITION and SCHELLOMAT Basic exposed flush valves offer numerous benefits to developers and users alike. These are installed quickly and easily. The elegant fitting made of brass features the latest cartridge design by SCHELL and is exceptionally resistant to external influences. As the areas of use for exposed fittings can vary, the SCHELLOMAT Basic and SCHELLOMAT EDITION are also available as a Benelux version with flush pipe Ø 15 x 300 mm. Such choices are a necessity.

Advantages:

- Perfect for simple refurbishment projects
- Durable cartridge design
- Brass design
- Practical service shut-off valve
- Flush pipe Ø 18 x 200 mm
- Also available as Benelux version with flush pipe Ø 15 x 300 mm

Compatible with:

- Urinal module

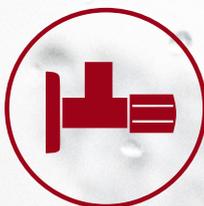


SCHELLOMAT Basic

Technical data:

- Flush rate: max. 0.3 l/s
- Flow pressure: 0.8–5.0 bar
- Flush volume: 1–6 l (adjustable)
- Noise class: II
- Optional: integrated service shut-off valve
- Fitting connection: G 1/2 AG





SCHELL GmbH & Co. KG
Raiffeisenstraße 31
57462 Olpe
Germany
Tel. +49 2761 892-0
Fax +49 2761 892-199
info@schell.eu
www.schell.eu



Carbon neutral

Print product

ClimatePartner.com/10095-2203-1006



MIX

Paper | Supporting
responsible forestry

FSC® C111733