

NEW!



**MODUS series. For wash basins and showers.
By SCHELL.**

**SCHELL's
attractively
priced
entry-level
models**

 **SCHELL**

The SCHELL MODUS series.
SCHELL quality and innovative
technology at an attractive price.

With the MODUS series, sanitary facilities can be made homogeneous, sustainable, robust and appealing. And the attractive price/performance point means that the legendary SCHELL quality is also affordable even on a tight budget.

MODUS – always a good idea

The many models in the range are united by their robust, vandal-resistant housing and a well-engineered design, which features intelligent technologies such as the ThermoProtect system that provides reliable anti-scalding protection. Alongside electronic wash basin taps and wall outlet fittings, the MODUS series also includes single-lever wash basin taps and a shower thermostat. Already very economical in use, the fittings can be easily adapted to reduce water use still further, so as to meet the requirements for BREEAM or LEED certification. Making the MODUS series the intelligent choice for any installation scenario.

Homogeneous, end-to-end design with MODUS

All MODUS fittings combine together to present a perfectly uniform look and feel. From wash basin taps to shower thermostats, their coordinated contours present a harmonised form and function.







SHELL wash basin taps MODUS E.

The affordable contact-free alternative for optimum hand hygiene.

With the contact-free MODUS E taps, SCHELL now offers hygienic solutions that are optimally aligned with the stringent requirements for public facilities. The robust metal design is vandal-proof and features a security device to protect against the deliberate blocking of the IR sensor – such as with chewing gum. Regular stagnation flushes help to maintain the required level of service in the building. The taps are available as wash basin taps or wall outlet taps.



Key advantages:

- Contact-free, hygienic operation to protect user health
- Attractive price/performance ratio
- Vandal-proof, robust all-metal design
- Stagnation flushes help to maintain drinking water quality
- Flow regulator retrofit helps to acquire BREEAM and LEED certification (1.33 l/min; as supplied: economical 3 l/min)
- Blockage protection
- Cleaning stop, 2 minutes

General technical data:

- Max. flow volume 3 l/min (pressure-independent)
- Flow pressure: 0.5–5.0 bar
- Operating temperature: max. 70°C (temporarily, e. g. for thermal disinfection)
- Finish: chrome
- Materials conform to German Drinking Water Regulation
- Energy-saving function
- Noise class 1

SCHELL wash basin taps MODUS E.

A robust design for challenging scenarios.

Safety is an important aspect for drinking water hygiene and is also regulated by VDI 6023. The models in the MODUS E range help to protect the health of their users. The robust design means the fittings can be used in challenging scenarios.

Contact-free triggering to protect user health:

In terms of hygiene, contact-free taps are the best choice of fitting since all hand contact with the tap can be avoided entirely. The flow of water starts automatically once a hand comes into the sensor's detection range and stops automatically afterwards. This considerably reduces the risk of a contact infection and thereby protects user health.

Support for maintaining drinking water quality:

In (semi-)public buildings, safeguarding the operation of the drinking water installation by ensuring the water in the pipelines is replaced regularly according to regulations can be difficult and time-consuming. With company or school holidays, for example, maintaining this level of service can quickly become impossible. MODUS E helps to maintain drinking water hygiene with its integrated stagnation flush functionality.

Keeping fittings working with a vandal-proof design:

Public buildings are especially prone to cases of vandalism. This is where the robust, all-metal tap design can offer a vandal-proof solution. Anti-blocking protection for the infrared sensor also ensures that the flow of water is stopped automatically if something like chewing gum is stuck over the sensor window.

MODUS E wash basin tap

Variants:

- MODUS E HD-K: Electronic wash basin tap for cold water and pre-mixed water, battery or mains operation
- MODUS E HD-M: Electronic wash basin tap with mixer shaft and optional hot water stop, battery or mains operation

MODUS E wall outlet tap

Variants:

- Electronic wall outlet tap for cold water and pre-mixed water
- In two lengths (187 mm, 230 mm)
- Integrated isolating valve
- G½ connection thread
- Integrated battery compartment (4x AA batteries)

Product description:

- Incl. flow regulator
- Selectable stagnation flush 24 h after last use plus short-range reflex range setting
- wash basin tap: battery or mains operation; wall outlet tap: battery operation and so an easy retrofit option
- With reverse polarity protection
- Not compatible with SWS/SSC

SCHELL MODUS electronic tap at a glance.



Attractive price/performance ratio

Long-lasting, trusted SCHELL quality, even for tightly-planned budgets



Vandal-proof and robust

Thanks to its resilient, all-metal design



Stagnation flushes

help to maintain drinking water hygiene according to VDI 6023



BREEAM- and LEED-ready

Thanks to an easy approach to reducing the litre flow volume for certifications



Contactless operation

Lowers the risk of contact infections so as to help improve user hygiene



MODUS E wall outlet tap

Variants:

- Electronic wall outlet tap for cold water and pre-mixed water
- In two lengths (187 mm, 230 mm)
- Integrated isolating valve
- G½ connection thread
- Integrated battery compartment (4x AA batteries)



MODUS E HD-M, wall outlet tap

SCHELL MODUS single-lever mixer.

The safe solution for accessible building projects in daycare facilities or nursing.

The SCHELL MODUS single-lever mixer with ThermoProtect-Technology is the ideal choice for sanitary facilities used by children or individuals with reduced motor function, since the mixer offers an optimum level of anti-scalding protection. Thanks to a choice of four variants, there is a version to suit any application. From a basic to a thermostatic cartridge, with loop or designer handle – an attractive price/performance point and low water consumption are common to every model.

Product description:

- Single-lever mixer with basic or thermostatic cartridge
- Loop or designer handle
- Flow volume: max. 5l/min pressure-independent, retrofitting with SCHELL accessories for LEED/BREEAM certification possible
- Flow pressure: 1.0–5.0bar
- Max. static pressure: 8bar
- Material: die-cast zinc handle, brass housing according to German drinking water regulations
- Finish: chrome-plated
- Noise class: I

Additional data for single-lever mixer with thermostatic cartridge:

- Thermostatic anti-scalding protection
- Water stop if cold water line fails
- Max. thermostatically controlled temperature: 38°C

Additional data for single-lever mixer with basic cartridge:

- User-configurable mechanical hot water stop
- User-configurable flow volume limiter

General benefits:

- Anti-scalding protection in all variants with thermostatic cartridge (ThermoProtect-Technology)
- Saves water thanks to factory-set flow volume of 5l/min. Further reductions for building certifications easily possible in combination with SCHELL flow restrictors.
- Choice of two handle variants: designer handle in a popular solid style or a loop handle for even easier operation – such as for children or users with reduced motor function
- Hydraulically sealed body without pull rod hole for easy, thorough cleaning. Matching SCHELL drain kits optionally available.
- Universal model that fits most wash basins thanks to an approx. 125 mm reach and approx. 100 mm height

Advantages of single-lever mixer with thermostatic cartridge:

- Optimal anti-scalding protection especially for children and nursing patients thanks to its thermostatically controlled temperature of 38°C even with lever fully open to hot water side
- Important extra anti-scalding protection offered by water stop if cold water supply fails

Advantages of single-lever mixer with basic cartridge:

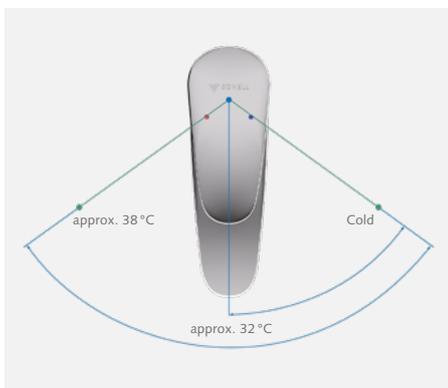
- Hot water stop thanks to user-configurable mechanical limiter for hot water flow
- Economical thanks to variable flow volume control



SCHELL MODUS single-lever mixer.

Anti-scalding protection plus optimum design.

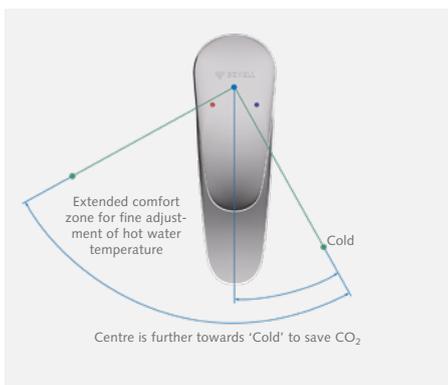
Anti-scalding protection and ingenious design are perfectly united by the MODUS single-lever mixer with ThermoProtect-Technology. With its timeless contours, its universal size, highly visible markings to ensure intuitive use and a choice of two orientations for the mixer range, this is a tap that is clearly designed for user-friendly operation. An ideal choice for fitting out both public and private nursing and bathing facilities. Other members of the MODUS family of fittings are available to complement this installation.



Symmetric mixer range for simple and safe operation

Single-lever mixer with thermostatic cartridge

With the MODUS single-lever mixer plus thermostatic cartridge, the mixer range has been designed to ensure that water drawn off with the lever in the centre position, and with both lines connected at the same pressure, has a temperature of roughly 32 °C. Most people experience this as a pleasantly warm water temperature. This is especially beneficial to users who have a certain level of motor function restriction and cannot (or prefer not to) adjust the lever. If the lever is opened all the way to the hot water side (whether deliberately or by accident) then the thermostatic limiter activates, which stops the water temperature rising above approx. 38 °C. This offers a good balance between comfort and safety.



Asymmetric mixer range for fine adjustment and CO₂ savings

Single-lever mixer with basic cartridge

The MODUS single-lever mixer with basic cartridge offers a mixer range whose angle on the hot water side is larger than on the cold water side. This lets users make much finer adjustments to the hot water temperature. When operated in the centre position, this also saves energy – and therefore CO₂ as well – even when hot water isn't required, single-lever mixers are typically opened and closed when at the centre position. Since the water that flows out of the MODUS single-lever mixer when in the centre position is cooler than single-lever mixers with symmetric angles, this reduces energy consumption.

Advantages of single-lever mixer with thermostatic cartridge:

- Optimal anti-scalding protection especially for children and nursing patients thanks to its thermostatically controlled temperature of 38 °C even with lever fully open to hot water side
- Important extra anti-scalding protection offered by water stop if cold water supply fails

Advantages of single-lever mixer with basic cartridge:

- Hot water stop thanks to user-configurable mechanical limiter for hot water flow
- Economical thanks to variable flow volume control

SCHELL MODUS single-lever mixer at a glance.



Choice of two handle variants

Designer handle in a solid style or loop handle for even easier operation



ThermoProtect-Technology (some models)

Limits temperature at outlet to offer anti-scalding protection – even if the cold water line should fail



Attractive price/performance ratio

Long-lasting, trusted SCHELL quality, even for tightly-planned budgets



Hot water stop (some models)

User-configurable mechanical reduction to draw-off temperature



BREEAM- and LEED-ready

Thanks to an easy approach to reducing the litre flow volume for certifications



Vandal-proof and robust

Thanks to its resilient, all-metal design

Flow volume restriction (some models)

Saves water with a user-configurable mechanical flow volume restrictor

SCHELL MODUS shower thermostat with ThermoProtect-Technology. The safe solution for accessible building projects, such as in hospitals or nursing.

The SCHELL MODUS shower thermostat with ThermoProtect-Technology offers optimum anti-scalding protection. For users with reduced motor function, anti-scalding protection is essential – and therefore very important for public and private nursing facilities. The thermally insulated housing (IsoBody-Technology) also offers anti-scalding protection as the housing does not heat up to the touch. Intuitive operation is another key feature. This is where the MODUS shower thermostat scores points with its well-designed handles and control markings in particular.

Product description:

- Exposed shower fitting for mixed water with thermostat, according to EN 1111, unlockable temperature limiter (factory-set to 38 °C), anti-scalding protection (43 °C), even if cold water supply fails
- Open/closed 90° ceramic cartridge
- 2x backflow preventer
- Outlet: DN 15 G 1/2 male thread (bottom)
- Flow pressure (min.–max.): 1.5–5.0 bar
- Fitting flow volume: max. 20/min, conversion for LEED/BREEAM certification possible
- Material: Metal housing and handles
- Finish: chrome-plated

Advantages:

- Anti-scalding protection and cool housing thanks to IsoBody-Technology and concealed S-connectors
- Temperature limiter at 38 °C and anti-scalding protection at 43 °C, even if cold water supply fails
- Intuitive and very user-friendly operation with intelligent handle design, short rotation path (90°–ceramic head part) and self-explanatory pictograms
- Rugged and durable thanks to all-metal design for handles and housing
- Saves water when used together with SCHELL hand shower or SCHELL flow restrictors
- Optional reduction in litre output for building certifications to LEED or BREEAM
- Support for restoring drinking water hygiene to proper levels thanks to optional, tamper-proof thermal disinfection
- Timeless design with high-quality haptics



SCHELL MODUS shower thermostat at a glance.



BREEAM- and LEED-ready
Thanks to an easy approach to reducing the litre flow volume for certifications



IsoBody-Technology
provides anti-scalding protection – the housing does not heat up



Attractive price/ performance ratio
Long-lasting, trusted SCHELL quality, even for tightly-planned budgets



Vandal-proof and robust
Thanks to its resilient, all-metal design



ThermoProtect-Technology
Limits temperature at outlet to offer anti-scalding protection – even if the cold water line should fail



SCHELL MODUS Series – general technical data.

SCHELL wash basin tap MODUS E

- Art. no. 02 172 06 99
(cold water/pre-mixed water, battery operation)
- Art. no. 02 173 06 99
(cold water/pre-mixed water, with mains adapter)
- Art. no.02 174 06 99 (mixed water, battery operation)
- Art. no.02 175 06 99 (mixed water, with mains adapter)

SCHELL wall outlet tap MODUS E

- Art. no.01 953 06 99
(reach 187 mm, battery operation)
- Art. no. 01 954 06 99
(reach 230 mm, battery operation)

Recommended associated items

- SCHELL LEED flow regulator 1.33 l/min
Art. no.28 931 00 99
- SCHELL flow regulator 5 l/min
Art. no.28 933 00 99
- SCHELL angle valve thermostat
Art. no.09 414 06 99
- SCHELL pressure balance valve (PBV)
Art. no.06 558 12 99
- SCHELL COMFORT angle valve
with regulating function and filter
Art. no.05 430 06 99



MODUS E HD-K



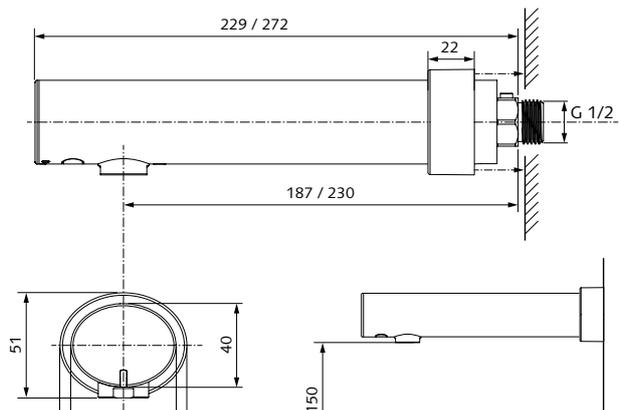
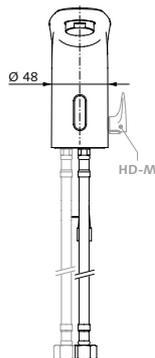
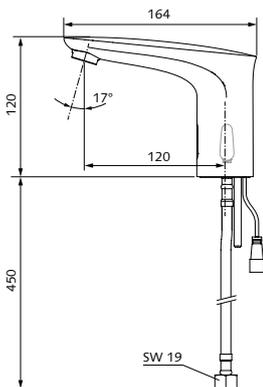
MODUS E wall outlet tap,
Length 187 mm



MODUS E HD-M



MODUS E wall outlet tap,
Length 230 mm



SCHELL MODUS single-lever mixer

EH-T with loop handle and thermostatic cartridge

Art. no. 02 180 06 99

EH with loop handle and basic cartridge

Art. no. 02 181 06 99

EH-T with designer handle and thermostatic cartridge

Art. no. 02 182 06 99

EH with designer handle and basic cartridge

Art. no. 02 183 06 99

Recommended accessory items

SCHELL COMFORT angle valve with filter (e.g.)

Art. no. 05 428 06 99

SCHELL OPEN drain set

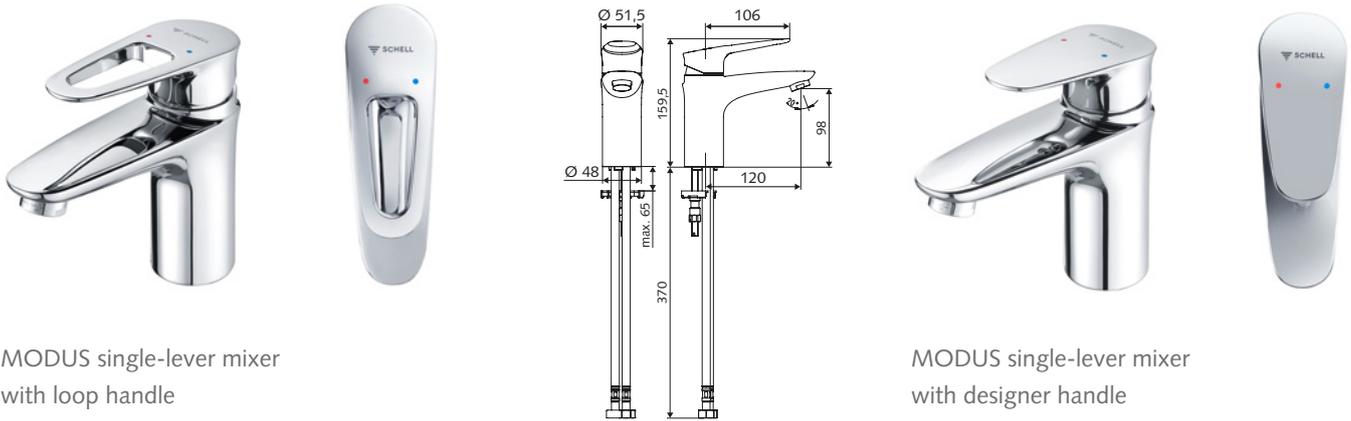
Art. no. 02 002 06 99

SCHELL PUSH OPEN drain set

Art. no. 02 000 06 99

SCHELL angle valve thermostat
(for models with basic cartridge)

Art. no. 09 414 06 99



MODUS single-lever mixer
with loop handle

MODUS single-lever mixer
with designer handle

No-fuss retrofits:

If requirements for anti-scalding protection should unexpectedly change, then single-lever mixers with a basic cartridge can be easily retrofitted with a thermostatic cartridge.

SCHELL MODUS shower thermostat

Art. no. 02 185 06 99

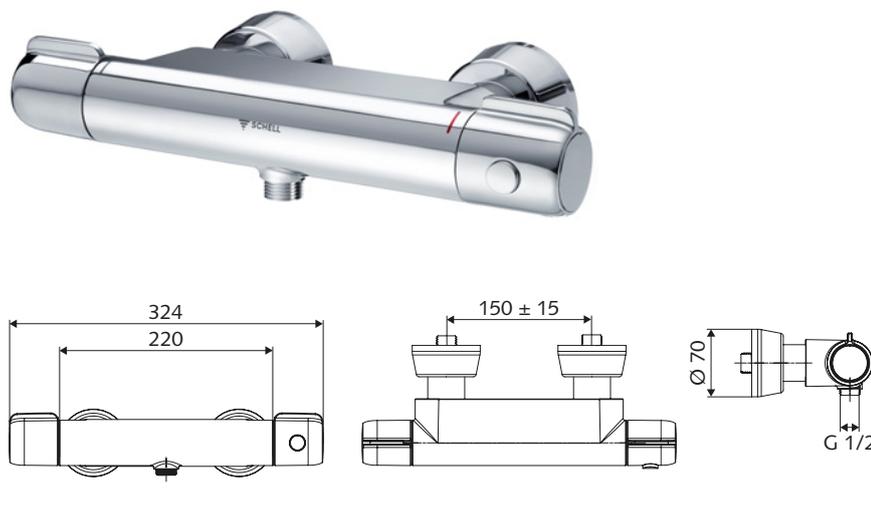
Recommended accessory items

SCHELL VITUS shower kit

Art. no. 29 189 06 99

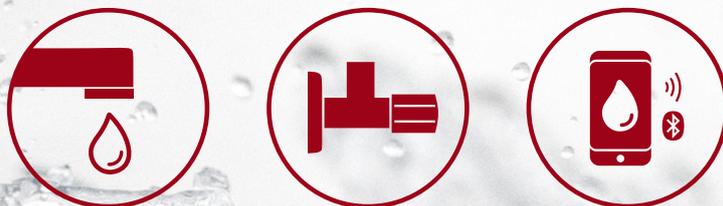
SCHELL hand shower

Art. no. 29 191 06 99









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