

ACTIVE TECHNOLOGY

DIGITAL LOCKING CYLINDER

3061



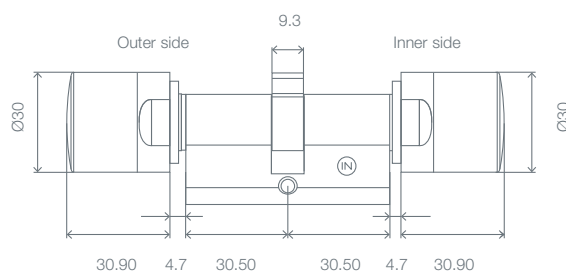
DIGITAL EURO PROFILE DOUBLE KNOB CYLINDER 3061 –FD

G1

G2

Digital Locking Cylinder 3061 is a true all-rounder. In addition to opening and closing locking devices, it also offers a large number of intelligent functions, such as access control with logging for up to 3,000 locking events, time zone control, event management and door monitoring, with the actual functions depending on the design fitted.

Integrated button cells provide power for up to 300,000 lock operations. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a partially networked configuration or online in the WaveNet network.



Measurements indicated in mm

TECHNICAL SPECIFICATIONS

- ⚡ Standard Euro Profile cylinder as per DIN 18252 / EN 1303 / DIN EN 15684, stainless steel design, freely rotating on both sides
- ⚡ Knob diameter: 30 mm
- ⚡ Basic installation length: 30-30 mm (external/inside dimension)
- ⚡ Overall length: up to 140 mm (max. 90 mm on one side); special lengths on request
- ⚡ Protection rating: IP54; .WP version: IP66
- ⚡ Battery type: 2 x lithium, CR2450, 3V
- ⚡ Battery life: up to 300,000 lock operations or up to ten years on standby
- ⚡ Temperature range: Operational: -25 °C to +65 °C
In storage: -35 °C to +50 °C
- ⚡ 3,000 access events can be saved
- ⚡ Time zone groups:
 - G1: 5+1
 - G2: 100+1
- ⚡ Number of transponders which can be managed per locking cylinder:
 - G1: up to 8,000
 - G2: up to 64,000
- ⚡ Number of locking devices which can be managed per transponder.
 - G1: up to 48,000
 - G2: up to 304,000
- ⚡ G1: Different permanent/open modes
- ⚡ Can be directly networked with integrated Lock Node (Network Knob Cover WN(M).LN.I) or via external Lock Node with additional door monitoring function
- ⚡ Can be used as a gateway, freely configurable (recommended for small locking systems only; G2 version only)

DIGITAL EURO PROFILE
DOUBLE KNOB CYLINDER
3061 – FD

Version with button control

Brass design



PRODUCT VERSIONS

Digital Euro Profile Double Knob Cylinder 3061 – FD Installation length 30-30 mm, freely rotating, stainless design	Z4.30-30.FD
Digital Euro Profile Double Knob Cylinder 3061 – FD with G2 functions Installation length 30-30 mm, freely rotating, stainless design	Z4.30-30.FD.G2
Brass design	.MS
Version with access control, time zone management and events logging	.ZK
Version with button control (operated on the inside without transponder), not available with G2 functions	.TS
Version with VdS approval, Class AZ, SKG approval SKG***	.SKG
Version in VdS design Version with access control, time zone control and event logging, VdS approval, Class BZ, SKG approval SKG***, together with the block lock function in a installation Can be used up to Class VdS C/SG 6	.ZK.VDS
Multi-point version For use in doors with multi-point locks, from installation length 35-30 mm	.MR
Fire-retardant version For use in steel and fire doors	.FH
Weatherproof version Protection rating IP66, from installation length 35-30 mm, not supplied in combination with .TS, .MR and VdS versions	.WP
'Network Inside' version with integrated Lock Node	WN(M).LN.I

INSTALLATION LENGTHS (all length specifications: external - inside):

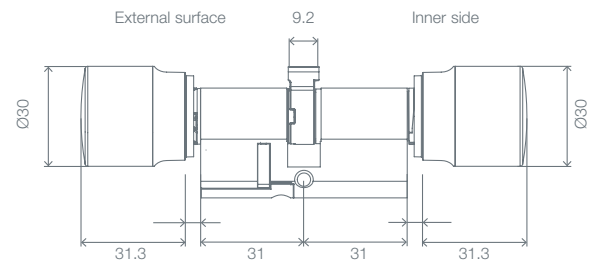
Overall length from 65 mm to 80 mm	e.g. Z4.40-40.FD
Overall length over 80 mm to 100 mm	e.g. Z4.40-60.FD
Overall length over 100 mm up to max. 140 mm (max. 90 mm on one side)	e.g. Z4.65-75.FD
Overall length over 140 mm or over 90 mm on one side	on request

DIGITAL EURO PROFILE DOUBLE KNOB CYLINDER 3061 – ANTI-PANIC

G1

G2

The anti-panic cylinder has been specially developed for use along escape and rescue routes. The new AP2 cylinder is freely rotating on both sides, so that the lock can be locked and unlocked from both sides using an authorised transponder. In a panic situation, however, the door can be opened without a transponder using the anti-panic lock function. It may only be fitted into locks which list the cylinder in their approval.



Measurements indicated in mm

TECHNICAL SPECIFICATIONS

- ⚡ Euro Profile anti-panic cylinder as per DIN 18252 / EN 1303 / DIN EN 15684
- ⚡ Knob diameter: 30 mm
- ⚡ Basic installation length: 30–30 mm (external/inside dimension)
- ⚡ Overall length: up to 140 mm (max. 90 mm on one side); special lengths on request
- ⚡ Protection rating: IP54; .WP version (electronic knob): IP66
- ⚡ Battery type: 2 x lithium, CR2450, 3V
- ⚡ Battery life: up to 300,000 lock operations or up to ten years on standby
- ⚡ Temperature range: Operational: -25 °C to +65 °C
In storage: -35 °C to +50 °C
- ⚡ 3,000 access events can be saved
- ⚡ Time zone groups:
 - G1: 5+1
 - G2: 100+1
- ⚡ Number of transponders which can be managed per locking cylinder:
 - G1: up to 8,000
 - G2: up to 64,000
- ⚡ Number of locking devices which can be managed per transponder.
 - G1: up to 48,000
 - G2: up to 304,000
- ⚡ G1: Different permanent/open modes
- ⚡ Can be directly networked with integrated Lock Node (Network Knob Cover WN(M).LN.I) or via external Lock Node with additional door monitoring function
- ⚡ Can be used as a gateway, freely configurable (recommended for small locking systems only)

DIGITAL EURO PROFILE
DOUBLE KNOB CYLINDER
3061 – ANTI-PANIC

PRODUCT VERSIONS

Digital Euro Profile Double Knob Cylinder 3061 – Anti-Panic Installation length 30-30 mm, for use in anti-panic locks, freely rotating on both sides, stainless steel design	Z4.30-30.AP2.FD
Digital Euro Profile Double Knob Cylinder 3061 – Anti-panic with G2 functions Installation length 30-30 mm, for use in anti-panic locks, freely rotating on both sides, stainless steel design	Z4.30-30.AP2.FD.G2
Digital Euro Profile Double Knob Cylinder 3061 – Anti-Panic Installation length 30-35 mm, for use in anti-panic locks; inside knob is always engaged; stainless steel design	Z4.30-35.AP
Digital Euro Profile Double Knob Cylinder 3061 – Anti-panic with G2 functions Installation length 30-35 mm, for use in anti-panic locks; inside knob is always engaged; stainless steel design	Z4.30-35.AP.G2
Brass design	.MS
Version with access control, time zone management and events logging	.ZK
Weatherproof version, protection rating IP66 (electronic knob)	.WP
Version with VdS design, installation length 30-35 mm (AP2 only)	.ZK.VDS
Version with button control (operated on the inside without transponder [for G1 and AP2 only])	.TS
Fire-retardant version, for use in steel and fire doors (AP2 only)	.FH
Version without inside knob (inside length is always 35 mm)	.OK
'Network Inside' version with integrated lock node	WN(M).LN.I
INSTALLATION LENGTHS (all length specifications: external - inside):	
Overall length of 65 mm (AP2) or 70 mm (AP) to 80 mm	e.g. Z4.40-40.AP / AP2
Overall length over 80 mm to 100 mm	e.g. Z4.40-55.AP / AP2
Overall length over 100 mm up to max. 140 mm (max. 90 mm on one side)	e.g. Z4.50-55.AP / AP2
Overall length over 140 mm or over 90 mm on one side	on request

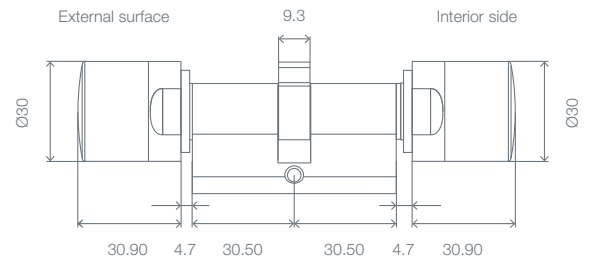
DIGITAL EURO PROFILE DOUBLE KNOB CYLINDER 3061 – COMFORT

G1

G2

Digital locking cylinder with an enclosed electronics assembly as per DIN 18252 / DIN EN 15684 / EN 1303 for fitting into Euro profile locks as per DIN 18251. Approval for fitting into locks as per DIN 18250 (fire protection).

- ⌘ Internal side is permanently engaged
- ⌘ Freely programmable
- ⌘ Active transponder used as medium
- ⌘ Access control, time zone management and events logging
- ⌘ Versions with protection rating IP66
- ⌘ Can be directly networked with a retrofit replacement knob cover



Measurements indicated in mm

TECHNICAL SPECIFICATIONS

- ⌘ Standard Euro Profile cylinder as per DIN 18252 / EN 1303 / DIN EN 15684
- ⌘ Knob diameter: 30 mm
- ⌘ Basic installation length: 30–30 mm (external/inside dimension)
- ⌘ Overall length: up to 140 mm (max. 90 mm on one side); special lengths on request
- ⌘ Protection rating: IP54; .WP version IP66
- ⌘ Battery type: 2 x lithium, CR2450, 3V
- ⌘ Battery life: up to 300,000 lock operations or up to ten years on standby
- ⌘ Temperature range: Operational: -25 °C to +65 °C
In storage: -35 °C to +50 °C
- ⌘ 3,000 access events can be saved
- ⌘ Time zone groups:
 - G1: 5+1
 - G2: 100+1
- ⌘ Number of transponders which can be managed per locking cylinder:
 - G1: up to 8,000
 - G2: up to 64,000
- ⌘ Number of locking devices which can be managed per transponder.
 - G1: up to 48,000
 - G2: up to 304,000
- ⌘ G1: Different permanent/open modes
- ⌘ Can be directly networked with integrated Lock Node (Network Knob Cover WN(M).LN.I) or via external Lock Node with additional door monitoring function
- ⌘ Can be used as a gateway, freely configurable (recommended for small locking systems only)

DIGITAL EURO PROFILE
DOUBLE KNOB CYLINDER
3061 – COMFORT

PRODUCT VERSIONS

Digital Euro Profile Double Knob Cylinder 3061 – Comfort Installation length 30-30 mm; non-electronics side is permanently engaged, so can be opened from the inside without transponder, stainless steel design	Z4.30-30.CO
Digital Euro Profile Double Knob Cylinder 3061 – Comfort with G2 functions Installation length 30-30 mm; non-electronics side is permanently engaged, so can be opened from the inside without transponder, stainless steel design	Z4.30-30.CO.G2
Brass design	.MS
Version with access control, time zone management and events logging	.ZK
Weatherproof version, protection rating IP66	.WP
Seawater-proof version (supplied in conjunction with .WP version only)	.SW
'Network Inside' version with integrated Lock Node	WN(M).LN.I

INSTALLATION LENGTHS (all length specifications: external - inside):

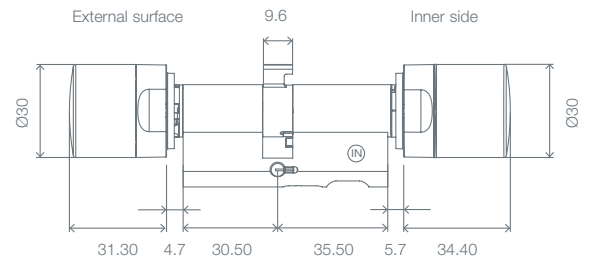
Overall length from 65 mm to 80 mm	e.g. Z4.40-40.CO
Overall length over 80 mm to 100 mm	e.g. Z4.40-60.CO
Overall length over 100 mm up to max. 140 mm (max. 90 mm on one side)	e.g. Z4.65-75.CO
Overall length over 140 mm or over 90 mm on one side	on request

DIGITAL EURO PROFILE DOUBLE KNOB CYLINDER 3061 – DOOR MONITORING

G2

Digital Locking Cylinder 3061 is setting completely new benchmarks in building security with its door monitoring design. Besides a locking and access control function, this cylinder also offers you a compact door monitoring system. A sensor in the fastening screw reliably monitors the door status and any changes to this status. Information is actively forwarded to the LSM Locking System Management software via the WaveNet, indicating whether the door is open or closed, the bolt is completely retracted or extended, the door has been locked once or double locked or has been open too long. This information is then processed further.

- ⚡ Standard Euro profile cylinder as per DIN 18252 / EN1303 / DIN EN 15684 / EN 1303 for fitting into Euro profile locks as per DIN 18251. Approval for fitting into locks as per DIN 18250
- ⚡ Cable-free door monitoring
- ⚡ Easy to retrofit, easy to install
- ⚡ Use mouse to access overview showing status of monitored doors
- ⚡ Reporting of critical events such as attempted manipulation and non-locking of doors to restricted access areas and similar
- ⚡ Seamless integration into the SimonsVoss solutions portfolio



Measurements indicated in mm

MODE OF OPERATION

The monitoring cylinder is based on the existing standard FD Cylinder and has been equipped with the following new functions:

Detection of the door opening status via a sensor in the fastening screw

- ⚡ A permanent magnet is attached to the door frame. The external magnetic field is detected by the sensor in the fastening screw.

Locking status detected via the cam

- ⚡ A sensor in the cylinder monitors cam rotations and detects the position of the dead bolt

Capturing and processing information

- ⚡ The electronics in the knob processes all information and either saves it and/or forwards it to the LSM via the WaveNet

Analysis by LSM

- ⚡ The current door statuses in all door monitoring cylinders are displayed in the matrix in LSM*
- ⚡ Each status change in all door monitoring cylinders in a locking system is recorded in a list
- ⚡ Alarms can be transmitted by email, mobile text message or a pop-up window in conjunction with an event agent during the monitoring period.* These can alert to events such as door manipulation, unauthorised access attempts or when door opening intervals are exceeded

* In conjunction with LSM Business or LSM Professional only

DIGITAL EURO PROFILE
DOUBLE KNOB CYLINDER
3061 – DOOR MONITORING

RECORDING OF MONITORING DATA

The Door Monitoring Cylinder records the following information:

- ⌘ Door open or closed
- ⌘ Detection of an attempted break-in/manipulation with an external magnet involving a locked door
- ⌘ Door bolted or securely locked
- ⌘ Cylinder opened by authorised transponder
- ⌘ Attempted entry using a non-authorised transponder
- ⌘ Logging of date and time

SYSTEM SPECIFICATIONS AND INTERDEPENDENCIES WITH OTHER PRODUCTS

LSM (Version 3.2 and higher)

- ⌘ LSM Basic (only possible to log door statuses)
- ⌘ LSM Business or LSM Professional for online monitoring together with LSM Network xx, LSM Online
- ⌘ Optional LSM DM Calibrate to help install the Door Monitoring Cylinder

Network

- ⌘ The WaveNet network is required for online monitoring

Miscellaneous

- ⌘ An intelligent fastening screw must be ordered to accompany the cylinder, the length of which depends on the backset

TECHNICAL SPECIFICATIONS

- ⌘ Euro Profile Door Monitoring Cylinder as per DIN 18252 / EN 1303 / DIN EN 15684, stainless steel design, freely rotating on both sides
- ⌘ Knob diameter: 30 mm
- ⌘ Basic installation length: 30-35 mm (external/inside dimension)
- ⌘ Overall length: up to 140 mm (max. 90 mm on one side); special lengths on request
- ⌘ Protection rating: IP54; .WP version (electronic knob): IP 66
- ⌘ Battery type: 2 x lithium, CR2450, 3V
- ⌘ Temperature range: Operational: -25 °C to +65 °C
In storage: -35 °C to +50 °C
- ⌘ About 800 door statuses can be stored
- ⌘ Time zone groups: 100+1
- ⌘ Up to 64,000 transponders can be managed per locking cylinder
- ⌘ Up to 304,000 locking devices can be managed per transponder
- ⌘ Network-ready directly with integrated Lock Node (Network Knob Cover WN(M).LN.I)

DIGITAL EURO PROFILE
DOUBLE KNOB CYLINDER
3061 – DOOR MONITORING

PRODUCT VERSIONS

Digital Euro Profile Double Knob Cylinder 3061 – Door Monitoring with G2 functions Installation length 30–30 mm, freely rotating on both sides, including access control, time zone control and event logging, stainless steel design; can only be used in conjunction with intelligent fastening screw, which must be ordered separately.	Z4.30-35.DM.FD.ZK.G2
Intelligent fastening screw for Door Monitoring Cylinder	See under Accessories for active cylinders
Brass design	.MS
Weatherproof version, protection rating IP66 (electronic knob)	.WP
Version in VdS design, VdS approval class CZ as per VdS Guideline 2156-2, SKG approval SKG***; can be used together with block lock function for the installation concerned up to Class VdS C/SG 6	.VDS
Fire-retardant version for use in steel and fire doors	.FH
Multi-point version for use in doors with multi-point locks, from installation length of 35-35 mm	.MR
INSTALLATION LENGTHS (all length specifications: external - inside):	
Overall length from 70 mm to 80 mm	e.g. Z4.40-40.DM.FD
Overall length over 80 mm to 100 mm	e.g. Z4.40-60.DM.FD
Overall length over 100 mm up to max. 140 mm (max. 90 mm on one side)	e.g. Z4.65-75.DM.FD
Overall length over 140 mm or over 90 mm on one side	on request

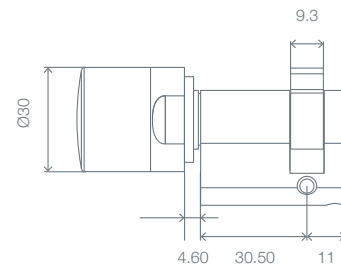
DIGITAL EURO PROFILE HALF CYLINDER 3061

G1

G2

Digital half cylinder with an enclosed electronics assembly as per DIN 18252 / DIN EN 15684 / EN 1303 for fitting into Euro profile locks as per DIN 18251 for special applications, such as use on garage doors or in lockers:

- ⌘ Freely programmable
- ⌘ Active transponder used as medium
- ⌘ Access control, time zone management and events logging
- ⌘ Versions with protection rating IP66
- ⌘ Can be directly networked with a retrofit replacement knob cover



Measurements indicated in mm

TECHNICAL SPECIFICATIONS

- ⌘ Standard Euro Profile cylinder as per DIN 18252 / EN 1303 / DIN EN 15684
- ⌘ Knob diameter: 30 mm
- ⌘ Basic installation length: 30-10 mm
- ⌘ Overall length: up to 100 mm (outside max. 90 mm); special lengths on request
- ⌘ Protection rating: IP54; .WP version (knob): IP 66
- ⌘ Battery type: 2 x lithium, CR2450, 3V
- ⌘ Battery life: up to 300,000 lock operations or up to ten years on standby
- ⌘ Temperature range: Operational: -25 °C to +65 °C
Storage -35 °C to +50 °C
- ⌘ 3,000 access events can be saved
- ⌘ Time zone groups:
 - G1: 5+1
 - G2: 100+1
- ⌘ Number of transponders which can be managed per locking cylinder:
 - G1: up to 8,000
 - G2: up to 64,000
- ⌘ Number of locking devices which can be managed per transponder.
 - G1: up to 48,000
 - G2: up to 304,000
- ⌘ G1: Different permanent/open modes
- ⌘ Can be directly networked with integrated Lock Node (Network Knob Cover WN(M).LN.I) or via external lock node with additional door monitoring function
- ⌘ Can be used as a gateway, freely configurable (recommended for small locking systems only)

DIGITAL EURO PROFILE HALF CYLINDER 3061

PRODUCT VERSIONS

Digital Euro Profile Half Cylinder 3061 Installation length 30-10 mm; knob not detachable, stainless steel design	Z4.30-10.HZ
Digital Euro Profile Half Cylinder 3061 with G2 functions Installation length 30-10 mm; knob not detachable, stainless steel design	Z4.30-10.HZ.G2
Brass design	.MS
Version with access control, time zone management and events logging	.ZK
Version with detachable knob (e.g. for fitting behind cover plates without profile cylinder perforation)	.DK
Half cylinder in multi-point design; knob detachable	.MR
Weatherproof version, protection rating IP66 (knob)	.WP
'Network Inside' version with integrated Lock Node	WN(M).LN.I
Version with shortened range	.VR

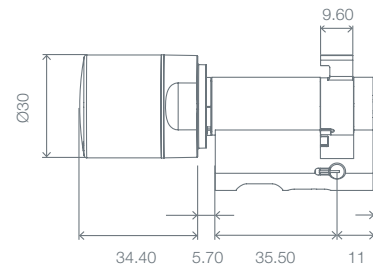
INSTALLATION LENGTHS (all length specifications: external - inside):

Overall length from 45 mm to 70 mm	e.g. Z4.60-10.HZ
Overall length over 70 mm up to 100 mm (max. 90 mm on outside)	e.g. Z4.80-10.HZ
Installation length over 90 mm on outside	on request

DIGITAL EURO PROFILE HALF CYLINDER 3061 – DOOR MONITORING

G2

Digital Locking Cylinder 3061 is setting new benchmarks in building security thanks to its door monitoring design. Besides a locking and access control function, this cylinder also offers you a compact door monitoring system. A sensor in the fastening screw reliably monitors the door status and any changes to this status. Information is actively forwarded to the LSM Locking System Management software via the WaveNet, indicating whether the door is open or closed, the bolt is completely retracted or extended, the door has been locked once or double locked or has been open too long. This information is then processed further.



Measurements indicated in mm

TECHNICAL SPECIFICATIONS

- ⚡ Euro Profile Door Monitoring Half Cylinder as per DIN 18252 / EN 1303 / DIN EN 15684, stainless steel design, freely rotating on the outside
- ⚡ Knob diameter: 30 mm
- ⚡ Basic installation length: 35-10 mm (external/inside dimension)
- ⚡ Overall length: up to 100 mm (max. 90 mm on one side); special lengths on request
- ⚡ Protection rating: IP54; .WP version (knob): IP66
- ⚡ Battery type: 2 x lithium, CR2450, 3V
- ⚡ Temperature range: Operational: -25 °C to +65 °C
In storage: -35 °C to +50 °C
- ⚡ About 800 door statuses can be stored
- ⚡ Time zone groups: 100+1
- ⚡ Up to 64,000 transponders can be managed per locking cylinder
- ⚡ Up to 304,000 locking devices can be managed per transponder
- ⚡ Network-ready with integrated Lock Node (Network Knob Cover WN(M).LN.I)

DIGITAL EURO PROFILE
 HALF CYLINDER 3061 –
 DOOR MONITORING

PRODUCT VERSIONS

Digital Euro Profile Half Cylinder 3061 – Door Monitoring with G2 functions Installation length 35-10 mm; knob not detachable; knob: IP66; includes access control, time zone control and event logging, stainless steel design; can only be used in conjunction with intelligent fastening screw, which must be ordered separately.	Z4.35-10.DM.HZ.ZK.G2
Intelligent fastening screw for door monitoring cylinder	See under Accessories for active cylinders
Brass design	.MS
Weatherproof version, protection rating IP66 (knob)	.WP
'Network Inside' version with integrated Lock Node	WN(M).LN.I
INSTALLATION LENGTHS (all length specifications: external - inside):	
Overall length from 50 mm to 70 mm	e.g. Z4.60-10.HZ
Overall length over 70 mm up to 100 mm (max. 90 mm on outside)	e.g. Z4.80-10.HZ
Installation length over 90 mm on outside	on request

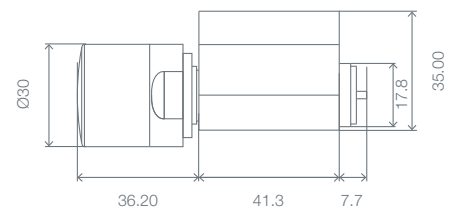
DIGITAL SCANDINAVIAN OVAL CYLINDER 3061

G1

G2

Digital locking cylinder with an enclosed electronics assembly as per DIN EN 15684 / EN 1303 for fitting into doors with a Scandinavian oval profile:

- ⌘ Freely programmable
- ⌘ Active transponder used as medium
- ⌘ Optional access control, events logging and time zone management
- ⌘ Versions with protection rating IP66
- ⌘ Can be directly networked with a retrofit replacement knob cover



Measurements indicated in mm

TECHNICAL SPECIFICATIONS

- ⌘ Scandinavian Oval Profile Cylinder
- ⌘ Knob diameter: 30 mm
- ⌘ Basic installation length: in the version for the outer side: 41.3 mm; in the version for the inner side: 30 mm
- ⌘ Overall length: max. 86.3 mm; special lengths on request
- ⌘ Protection rating: inner knob: IP54; weatherproof version of cylinder for the outer side: IP66
- ⌘ Battery type: 2 x lithium, CR2450, 3V
- ⌘ Battery life: up to 300,000 lock operations or up to ten years on standby
- ⌘ Temperature range: Operational: -25 °C to +65 °C
In storage: -35 °C to +50 °C
- ⌘ 3,000 access events can be saved
- ⌘ Time zone groups:
 - G1: 5+1
 - G2: 100+1
- ⌘ Number of transponders which can be managed per locking cylinder:
 - G1: up to 8,000
 - G2: up to 64,000
- ⌘ Number of locking devices which can be managed per transponder.
 - G1: up to 48,000
 - G2: up to 304,000
- ⌘ G1: Different permanent/open modes
- ⌘ Network-ready with integrated Lock Node (Network Knob Cover WN(M).LN.I) or via external Lock Node with additional door monitoring function
- ⌘ Can be used as gateway, freely configurable (recommended for smaller lock systems only)

DIGITAL SCANDINAVIAN OVAL CYLINDER 3061

PRODUCT VERSIONS

Digital Scandinavian Oval Cylinder 3061 For the outer side: installation length 41.3 mm, stainless steel design	Z4.SO.A40
Digital Scandinavian Oval Cylinder 3061 with G2 functions For the outer side: installation length 41.3 mm, stainless steel design	Z4.SO.A40.G2
Digital Scandinavian Oval Cylinder 3061, operable without a transponder For the inner side: installation length 31.9 mm, stainless steel design	Z4.SO.I30
Version with access control, time zone management and events logging	.ZK
Weatherproof version, protection rating IP66 (cylinder for the outer side)	.WP
Seawater-proof version	.SW
'Network Inside' version with integrated Lock Node	WN(M).LN.I

INSTALLATION LENGTHS (all length specifications: external - inside):

Installation length 61.3 mm per profile	e.g. Z4.SO.A60
Installation length up to 86.3 mm per profile	e.g. Z4.SO.A80
Installation length over 86.3 mm	on request

ACCESSORIES

Extension Set SO and RS Cylinder. The set allows you to extend the cam in a Scandinavian cylinder by up to 75 mm.
Contents: 5 sets

Z4.SO.EXT.5

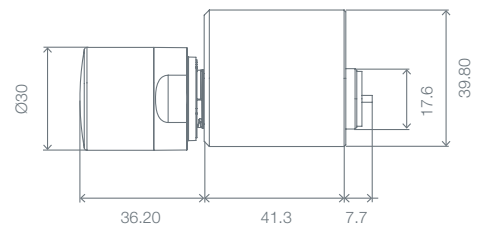
DIGITAL SCANDINAVIAN ROUND CYLINDER 3061

G1

G2

Digital locking cylinder with an enclosed electronics assembly as per DIN EN 15684 / EN 1303 for fitting into doors with a Scandinavian round profile:

- ⌘ Freely programmable
- ⌘ Active transponder used as medium
- ⌘ Optional access control, events logging and time zone management
- ⌘ Versions with protection rating IP66
- ⌘ Can be directly networked with a retrofit replacement knob cover



Measurements indicated in mm

TECHNICAL SPECIFICATIONS

- ⌘ Scandinavian Round Profile Cylinder
- ⌘ Knob diameter: 30 mm
- ⌘ Basic installation length: in the version for the outer side: 41.3 mm; in the version for the inner side: 30 mm
- ⌘ Overall length: max. 86.3 mm; special lengths on request
- ⌘ Protection rating: inside knob IP 54, weatherproof version IP 66
- ⌘ Battery type: 2 x lithium, CR2450, 3V
- ⌘ Battery life: up to 300,000 locking operations or up to ten years on standby
- ⌘ Temperature range: Operational: -25 °C to +65 °C
In storage: -35 °C to +50 °C
- ⌘ 3,000 access events can be saved
- ⌘ Time zone groups:
 - G1: 5+1
 - G2: 100+1
- ⌘ Number of transponders which can be managed per locking cylinder:
 - G1: up to 8,000
 - G2: up to 64,000
- ⌘ Number of locking devices which can be managed per transponder.
 - G1: up to 48,000
 - G2: up to 304,000
- ⌘ Can be directly networked with integrated Lock Node (Network Knob Cover WN(M).LN.I) or via external lock node with additional door monitoring function
- ⌘ Can be used as gateway in small systems, freely configurable

DIGITAL SCANDINAVIAN ROUND CYLINDER 3061

PRODUCT VERSIONS

Digital Scandinavian Oval Cylinder 3061, for the outer side, installation length 41.3 mm, stainless steel design	Z4.RS.A40
Digital Scandinavian Oval Cylinder 3061 with G2 functions, for the outer side, installation length 41.3 mm, stainless steel design	Z4.RS.A40.G2
Digital Scandinavian Oval Cylinder 3061, operable without a transponder, for the inner side, installation length 31.9 mm, stainless steel design	Z4.RS.I30
Version with access control, time zone management and events logging	.ZK
Weatherproof version, protection rating IP66 (cylinder for outer side)	.WP
'Network Inside' version with integrated Lock Node	WN(M).LN.I

INSTALLATION LENGTHS (all length specifications: external - inside):

Overall length 61.3 mm per profile	e.g. Z4.RS.A60
Overall length up to 86.3 mm per profile	e.g. Z4.RS.A80
Installation length over 86.3 mm per profile	on request

ACCESSORIES

Extension Set SO and RS Cylinder. The set allows you to extend the cam in a Scandinavian cylinder by up to 75 mm. Contents: 5 sets	Z4.SO.EXT.5
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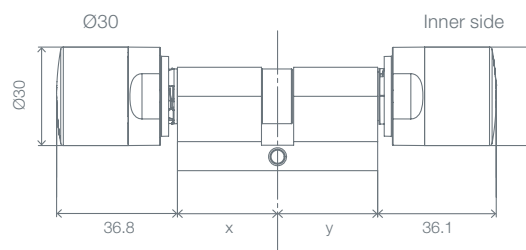
DIGITAL BRITISH OVAL DOUBLE KNOB CYLINDER 3061

G1

G2

Digital locking cylinder with an enclosed electronics assembly as per DIN EN 15684 / EN 1303 for fitting into doors with a British oval profile:

- ⌘ Freely programmable
- ⌘ Active transponder used as medium
- ⌘ Optional access control, events logging and time zone management
- ⌘ Versions with protection rating IP66
- ⌘ Can be directly networked with a retrofit replacement knob cover



Measurements indicated in mm

TECHNICAL SPECIFICATIONS

- ⌘ British Oval Profile Cylinder
- ⌘ Knob diameter: 30 mm, freely rotating on both sides
- ⌘ Basic installation length: 30–30 mm (external/inside dimension)
- ⌘ Overall length: max. 140 mm (max. 90 mm on one side); special lengths on request
- ⌘ Protection rating: IP54; .WP version (electronic knob): IP 66
- ⌘ Battery type: 2 x lithium, CR2450, 3V
- ⌘ Battery life: up to 300,000 lock operations or up to ten years on standby
- ⌘ Temperature range: Operational: -25 °C to +65 °C
Storage -35 °C to +50 °C
- ⌘ 3,000 access events can be saved
- ⌘ Time zone groups:
 - G1: 5+1
 - G2: 100+1
- ⌘ Number of transponders which can be managed per locking cylinder:
 - G1: up to 8,000
 - G2: up to 64,000
- ⌘ Number of locking devices which can be managed per transponder.
 - G1: up to 48,000
 - G2: up to 304,000
- ⌘ G1: Different permanent/open modes
- ⌘ Can be directly networked with integrated Lock Node (Network Knob Cover WN(M).LN.I) or via external lock node with additional door monitoring function
- ⌘ Can be used as a gateway, freely configurable (recommended for small locking systems only)

DIGITAL BRITISH OVAL
DOUBLE KNOB CYLINDER
3061

PRODUCT VERSIONS

Digital British Oval Cylinder 3061 Installation length 30–30 mm, freely rotating on both sides, stainless design	Z4.BO.30-30.FD
Digital British Oval Cylinder 3061 with G2 functions Installation length 30–30 mm, freely rotating on both sides, stainless design	Z4.BO.30-30.FD.G2
Version with access control, time zone management and events logging	.ZK
Version with button control (operated on the inside without transponder), not available with G2 functions	.TS
Fire-retardant version For use in steel and fire doors	.FH
Weatherproof version, protection rating IP66 (electronic knob)	.WP
'Network Inside' version with integrated Lock Node	WN(M).LN.I

INSTALLATION LENGTHS (all length specifications: external - inside):

Overall length from 65 mm to 80 mm	e.g. Z4.BO.40-40.FD
Overall length from 85 mm to 100 mm	e.g. Z4.BO.40-60.FD
Overall length over 105 mm up to max. 140 mm (max. 90 mm on one side)	e.g. Z4.BO.65-75.FD
Overall length over 140 mm or over 90 mm on one side	on request

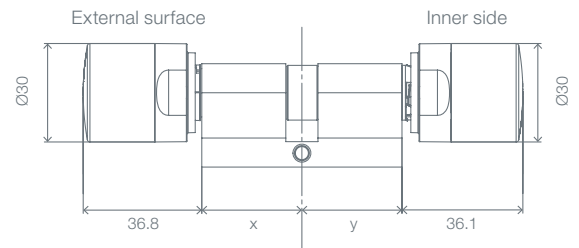
DIGITAL BRITISH OVAL DOUBLE KNOB CYLINDER 3061 – COMFORT

G1

G2

Digital locking cylinder with an enclosed electronics assembly as per DIN EN 15684 / EN 1303 for fitting into doors with a British oval profile:

- ⌘ Freely programmable
- ⌘ Active transponder used as medium
- ⌘ Optional access control, events logging and time zone management
- ⌘ Versions with protection rating IP66
- ⌘ Can be directly networked with a retrofit replacement knob cover



Measurements indicated in mm

TECHNICAL SPECIFICATIONS

- ⌘ British Oval Profile Cylinder Comfort, inner knob can be operated without transponder
- ⌘ Knob diameter: 30 mm
- ⌘ Basic installation length: 30–30 mm (external/inside dimension)
- ⌘ Overall length: max. 140 mm (max. 90 mm on one side); special lengths on request
- ⌘ Protection rating: IP54; .WP version (electronic knob): IP 66
- ⌘ Battery type: 2 x lithium, CR2450, 3V
- ⌘ Battery life: up to 300,000 lock operations or up to ten years on standby
- ⌘ Temperature range: Operational: -25 °C to +65 °C
Storage -35 °C to +50 °C
- ⌘ 3,000 access events can be saved
- ⌘ Time zone groups:
 - G1: 5+1
 - G2: 100+1
- ⌘ Number of transponders which can be managed per locking cylinder:
 - G1: up to 8,000
 - G2: up to 64,000
- ⌘ Number of locking devices which can be managed per transponder.
 - G1: up to 48,000
 - G2: up to 304,000
- ⌘ G1: Different permanent/open modes
- ⌘ Can be directly networked with integrated Lock Node (Network Knob Cover WN(M).LN.I) or via external lock node with additional door monitoring function
- ⌘ Can be used as a gateway, freely configurable (recommended for small locking systems only)

DIGITAL BRITISH OVAL
DOUBLE KNOB CYLINDER
3061 – COMFORT

PRODUCT VERSIONS

Digital British Oval Cylinder 3061 – Comfort Inner knob can be operated without transponder; installation length 30-30 mm, stainless steel design	Z4.BO.30-30.CO
Digital British Oval Double Knob Cylinder 3061 – Comfort with G2 functions Inner knob can be operated without transponder; installation length 30-30 mm, stainless steel design	Z4.BO.30-30.CO.G2
Version with access control, time zone management and events logging	.ZK
Weatherproof version, protection rating IP66 (electronic knob)	.WP
'Network Inside' version with integrated Lock Node	WN(M).LN.I

INSTALLATION LENGTHS (all length specifications: external - inside):

Overall length from 65 mm to 80 mm	e.g. Z4.BO.40-40.CO
Overall length from 85 mm to 100 mm	e.g. Z4.BO.40-60.CO
Overall length over 105 mm up to max. 140 mm (max. 90 mm on one side)	e.g. Z4.BO.65-75.CO
Overall length over 140 mm or over 90 mm on one side	on request

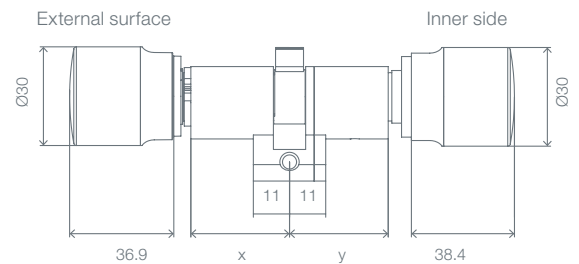
DIGITAL SWISS ROUND DOUBLE KNOB CYLINDER 3061 – COMFORT

G1

G2

Digital locking cylinder with an enclosed electronics assembly as per DIN EN 15684 / EN 1303 for fitting into doors with a Swiss round profile:

- ⌘ Freely programmable
- ⌘ Active transponder used as medium
- ⌘ Optional access control, events logging and time zone management
- ⌘ Versions with protection rating IP66
- ⌘ Can be directly networked with a retrofit replacement knob cover



Measurements indicated in mm

TECHNICAL SPECIFICATIONS

- ⌘ Swiss Oval Profile Cylinder Comfort, inner knob can be operated without transponder
- ⌘ Both knobs can be detached
- ⌘ Knob diameter: 30 mm
- ⌘ Basic installation length: 30-30 mm (external/inside dimension)
- ⌘ Overall length: up to 140 mm (max. 90 mm on one side); special lengths on request
- ⌘ Protection rating: IP54; .WP version (electronic knob): IP 66
- ⌘ Battery type: 2 x lithium, CR2450, 3V
- ⌘ Battery life: up to 300,000 lock operations or up to ten years on standby
- ⌘ Temperature range: Operational: -25 °C to +65 °C
In storage: -35 °C to +50 °C
- ⌘ 3,000 access events can be saved
- ⌘ Time zone groups:
 - G1: 5+1
 - G2: 100+1
- ⌘ Number of transponders which can be managed per locking cylinder:
 - G1: up to 8,000
 - G2: up to 64,000
- ⌘ Number of locking devices which can be managed per transponder.
 - G1: up to 48,000
 - G2: up to 304,000
- ⌘ G1: Different permanent/open modes
- ⌘ Can be directly networked with integrated Lock Node (Network Knob Cover WN(M).LN.I) or via external Lock Node with additional door monitoring function
- ⌘ Can be used as a gateway, freely configurable (recommended for small locking systems only)

DIGITAL SWISS ROUND
DOUBLE KNOB CYLINDER
3061 – COMFORT

PRODUCT VERSIONS

Digital Swiss Round Double Knob Cylinder 3061 – Comfort Inner knob can be operated without transponder; basic length 30-30 mm, stainless steel design	Z4.SR.30-30.CO
Digital Swiss Round Double Knob Cylinder 3061 – Comfort with G2 functions Inner knob can be operated without transponder; basic length 30-30 mm, stainless steel design	Z4.SR.30-30.CO.G2
Brass design	.MS
Version with access control, time zone management and events logging	.ZK
Weatherproof version, protection rating IP66 (electronic knob)	.WP
'Network Inside' version with integrated Lock Node	WN(M).LN.I

INSTALLATION LENGTHS (all length specifications: external - inside):

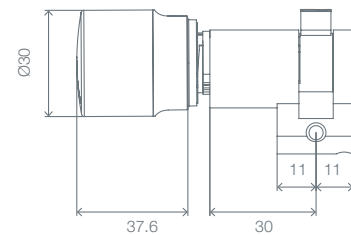
Overall length from 65 mm to 80 mm	e.g. Z4.SR.40-40.CO
Overall length from 85 mm to 100 mm	e.g. Z4.SR.40-60.CO
Overall length over 105 mm up to max. 140 mm (max. 90 mm on one side)	e.g. Z4.SR.65-75.CO
Overall length over 140 mm or over 90 mm on one side	on request

DIGITAL SWISS ROUND HALF CYLINDER 3061

G1

G2

Digital half cylinder with an enclosed electronics assembly with Swiss round profile. For special applications, e.g. use on garage doors or in lockers.



Measurements indicated in mm

TECHNICAL SPECIFICATIONS

- ⚡ Swiss round half cylinder
- ⚡ Knob detachable
- ⚡ Knob diameter: 30 mm
- ⚡ Basic installation length: 30-10 mm
- ⚡ Overall length: up to max. 100 mm (outside max. 90 mm); special lengths on request
- ⚡ Protection rating: IP54; .WP version (knob): IP 66
- ⚡ Battery type: 2 x lithium, CR2450, 3V
- ⚡ Battery life: up to 300,000 lock operations or up to ten years on standby
- ⚡ Temperature range: Operational: -25 °C to +65 °C
In storage: -35 °C to +50 °C
- ⚡ 3,000 access events can be saved
- ⚡ Time zone groups:
 - G1: 5+1
 - G2: 100+1
- ⚡ Number of transponders which can be managed per locking cylinder:
 - G1: up to 8,000
 - G2: up to 64,000
- ⚡ Number of locking devices which can be managed per transponder.
 - G1: up to 48,000
 - G2: up to 304,000
- ⚡ G1: Different permanent/open modes
- ⚡ Can be directly networked with integrated Lock Node (Network Knob Cover WN(M).LN.I) or via external Lock Node with additional door monitoring function
- ⚡ Can be used as a gateway, freely configurable (recommended for small locking systems only)

DIGITAL SWISS ROUND
HALF CYLINDER
3061

PRODUCT VERSIONS

Digital Swiss Round Half Cylinder 3061 Installation length 30-10 mm; knob detachable, stainless steel design	Z4.SR.30-10.HZ
Digital Swiss Round Half Cylinder 3061 with G2 functions Installation length 30-10 mm; knob detachable, stainless steel design	Z4.SR.30-10.HZ.G2
Version with access control, time zone management and events logging	.ZK
Multi-point version For use in doors with multi-point locks, from installation length 35-30 mm	.MR
Weatherproof version, protection rating IP66 (knob)	.WP
'Network Inside' version with integrated Lock Node	WN(M).LN.I

INSTALLATION LENGTHS (all length specifications: external - inside):

Overall length from 45 mm to 70 mm	e.g. Z4.SR.60-10.HZ
Overall length from 75 mm to 100 mm (max. 90 mm on outside)	e.g. Z4.SR.80-10.HZ
Overall length over 90 mm on outside	on request

DIGITAL LOCKING CYLINDER 3061 KNOBS & ACCESSORIES

Knob for stiff doors (Z4.KNAUF2)

G1

G2

Shortened knob
(Z4.KNAUF4)

Knob for stiff doors
(Z4.KNAUF3, Z4.KNAUF7, Z4.KNAUF12)



PRODUCT VERSIONS

KNOBS FOR ACTIVE CYLINDERS

Knob for non-electronic side in TN3 design, 30 mm in diameter, with handle grips, stainless steel, not suitable for AP/SR cylinders	Z4.KNAUF1
Knob for non-electronic side on stiff doors, 42 mm in diameter, with handle grips, stainless steel, not suitable for AP/SR cylinders	Z4.KNAUF2
Knob for electronic side of cylinder, for stiff doors, 35 mm in diameter, made of plastic, suitable for FD/BO.FD only	Z4.KNAUF3
Knob for non-electronic side of cylinder, trimmed 12 mm to about 21 mm in length, not suitable for AP/SR cylinders	Z4.KNAUF4
Knob set, matt brass, in a TN4 design, 30 mm in diameter, with handle grips (outside and inside), suitable for FD/BO.FD only	Z4.KNAUF5
Knob for non-electronic side of the cylinder in TN4 design, diameter 30 mm, with handle grips, stainless steel, not suitable for AP/SR cylinders	Z4.KNAUF6
Knob for electronic side on stiff doors, 35 mm in diameter, with handle grips, stainless steel, suitable for AP/HZ/SO/SR/BO.CO cylinders	Z4.KNAUF7
Conical knob set (outside and inside), suitable for FD only	Z4.KNAUF8
Knob for electronic side in TN4 design, diameter 30 mm, made of plastic	Z4.KNAUF9
Knob for non-electronic side in AP cylinders in TN4 design, with handle grips, suitable for AP/AP.FD	Z4.KNAUF10
Knob for electronic side of the cylinder, 35 mm in diameter, V4A stainless steel, high-gloss polished	Z4.KNAUF12
Knob for non-electronic side of the cylinder in TN4 design, 30 mm in diameter, V4A stainless steel, without logo, for seawater-proof applications	Z4.KNAUF13
Knob for electronic side of the cylinder, design same as Z4.KNAUF13	Z4.KNAUF14
TN4 cover for electronic side of the cylinder	Z4.KAPPE1
TN4 cover for electronic side of the cylinder, brass	Z4.KAPPE2

DIGITAL LOCKING CYLINDER
3061
KNOBS & ACCESSORIES

Core protection adapter for VdS/SKG cylinders
(year of manufacture until end of 2010)

Core protection adapter for VdS/SKG cylinders
(year of manufacture 2011 and later)



PRODUCT VERSIONS

ACCESSORIES FOR ACTIVE CYLINDERS

20 plastic discs for Half Cylinder Multi-Point .MR for detachable Knob .DK	Z4.SCHEIBEN
Installation/battery key: Special tool for disassembling and for changing batteries (button cells) in TN4 cylinders (double knob and half cylinders)	Z4.SCHLUESSEL
Battery key set for TN3 double knob and half cylinders	BAT.KEY.SET
10 batteries for TN4 cylinders (double knob and half cylinders) (type: CR2450)	Z4.BAT.SET
Battery set for TN3 cylinders (Double knob and half cylinders); contains: 5 main batteries (type: 1/2 AA), 5 backup batteries (type: CR1220)	BAT.SET
1 battery for TN1 cylinders (type: 1/2 AA)	111000
3 core protection adapters for VdS/SKG cylinders (TN4) manufactured in 2011 and later	Z4.KA.SET2
3 core protection adapter for VdS/SKG cylinders (TN4) manufactured in 2011 and later, e.g. for special escutcheons up to 16 mm thick	Z4.KA.SET2.IT
3 core protection adapters for VdS/SKG cylinders (TN4) manufactured in 2010 or before and for freely rotating TN4 double knob cylinder, 8 mm long	Z4.KA.SET
3 core protection adapters for TN3 double knob cylinders (8, 11 and 14 mm long)	KA.SET
50 grub screws for TN3 cylinders	D-914-3x3
50 grub screws, M1.5, for TN1 cylinders	126300

INTELLIGENT FASTENING SCREW FOR DOOR MONITORING CYLINDERS

Intelligent fastening screw with sensors for use with the Door Monitoring Cylinder. IMPORTANT: you need to indicate the backset to order the intelligent fastening screw. Available in 5 mm increments, from 25 mm to 70 mm 1 unit	Z4.DM. xx.SCREW
Intelligent fastening screw with sensors for use with the Door Monitoring Cylinder. IMPORTANT: you need to indicate the backset to order the intelligent fastening screw. Available in 5 mm increments, from 25 mm to 70 mm 5 unit	Z4.DM. xx.SCREW5
Lengths over 70 mm	on request

CONFIGURATION

DIGITAL LOCKING CYLINDER

G1

G2

COMBINATIONS WITH DIGITAL EURO PROFILE DOUBLE KNOB CYLINDER 3061

	MS	ZK	MR	TS	FH	WP	VDS/SKG	WN(M)
FD	●	●	●	●	●	●	●	●
MS		●	●	●	○	●	●	●
ZK			●	●	●	●	●	●
MR				●	●	X	X	●
TS					●	X	●	●
FH						●	●	●
WP							●	●
VDS / SKG								●

COMBINATIONS WITH DIGITAL EURO PROFILE DOUBLE KNOB CYLINDER 3061 – ANTI-PANIC

	FD	CO	MS	TS	FH	ZK	WP	VDS	OK	WN(M)
AP	X	●	●	X	X	●	●	X	●	●
AP2	●	X	●	●	●	●	●	●	●	●
FD		X	●	●	●	●	●	●	X	●
CO			●	X	X	●	●	X	X	●
MS				●	○	●	●	●	●	●
TS*					●	●	X	●	●	●
FH						●	●	●	●	●
ZK							●	●	●	●
WP								●	●	●
VDS									●	●
OK										●

CONFIGURATION DIGITAL LOCKING CYLINDER

COMBINATIONS WITH DIGITAL EURO PROFILE DOUBLE KNOB CYLINDER 3061 – COMFORT

	MS	ZK	WP	SW	WN(M)
CO	●	●	●	●	●
MS		●	●	X	●
ZK			●	●	●
WP				●	●
SW					●

KEY:

AP/ AP2	Anti-panic
BL	Reader on both sides
BO	British oval
DK	Detachable knob
FD	Freely rotating
FH	Fire-retardant version
HZ	Half cylinder
MP	SC cylinder
MR	Multi-point version
MS	Brass design
OK	Without inside knob
RS	Scandinavian round
SKG	VdS Approval Class AZ, SKG Approval SKG***
SO	Scandinavian oval
SR	Swiss round
SW	Seawater-proof version
TS	Button control
VDS	VdS design
VR	Shortened range
WN(M)	Network Inside – network-ready online
WP	Weatherproof version
ZK	Access control, time zone man- agement and events logging.

COMBINATIONS WITH DIGITAL EURO PROFILE DOUBLE KNOB CYLINDER 3061 – DOOR MONITORING

	MS	ZK	TS	FH	WP	VDS/SKG	WN(M)
DM FD	X	●	○	●	●	●	●
MS		●	●	○	●	●	●
ZK			●	●	●	●	●
TS				●	X	●	●
FH					●	●	●
WP						●	●
VDS							●

CONFIGURATION
DIGITAL LOCKING CYLINDER

COMBINATIONS WITH DIGITAL EURO PROFILE
HALF CYLINDER 3061

	MS	ZK	MR	WP	DK	VR	WN(M)
HZ	○	●	●	●	●	●	●
MS		○	○	○	○	○	○
ZK			●	●	●	●	●
MR				●	●	●	●
WP					●	○	●
DK						●	●
VR							●

COMBINATIONS WITH DIGITAL EURO PROFILE
HALF CYLINDER 3061 – DOOR MONITORING

	MS	ZK	WP	DK	VR	WN(M)
HZ DM	○	●	●	●	●	●
MS		○	○	○	○	○
ZK			●	●	●	●
WP				●	○	●
DK					●	●
VR						●

COMBINATIONS WITH DIGITAL SCANDINAVIAN
OVAL CYLINDER 3061
ROUND CYLINDER 3061

	SO	RS	MS	ZK	WP	SW	WN(M)
SO (Scandinavian Oval)		X	○	●	●	●	●
RS (Round)			○	●	●	●	●
MS				○	○	○	○
ZK					●	●	●
WP						●	●
SW							●

CONFIGURATION
DIGITAL LOCKING CYLINDER

COMBINATIONS WITH DIGITAL BRITISH OVAL
DOUBLE KNOB CYLINDER 3061

	MS	ZK	TS	FH	WP	WN(M)
BO FD	○	●	●	●	●	●
MS		○	○	○	○	○
ZK			●	●	●	●
TS				●	X	●
FH					●	●
WP						●

COMBINATIONS WITH DIGITAL BRITISH OVAL
DOUBLE KNOB CYLINDER 3061 – COMFORT

	MS	ZK	WP	WN(M)
BO CO	○	●	●	●
MS		○	○	○
ZK			●	●
WP				●

COMBINATIONS WITH DIGITAL SWISS ROUND
CYLINDER 3061 – COMFORT

	MS	ZK	WP	WN(M)
SR.CO	○	●	●	●
MS		○	○	○
ZK			●	●
WP				●

COMBINATIONS WITH DIGITAL SWISS ROUND
HALF CYLINDER 3061

	MS	ZK	WP	WN(M)
SR.HZ	○	●	●	●
MS		○	○	○
ZK			●	●
WP				●