Pilz is your solution supplier for all automation tasks. Including standard control functions. Pilz developments protect man, machine and the environment.

Pilz has a tradition as a family-run company stretching back over 60 years. Real proximity to customers is visible in all areas, instilling confidence through individual consultation, total flexibility and reliable service. Worldwide, round the clock, in 31 subsidiaries and branches, as well as 15 sales partners on every continent.

More than 1 800 staff, each one of them an ambassador for safety, make sure that your company’s most valuable asset – your staff – can work safely and free from injury.

Further information: www.pilz.com + Webcode 0837
Pilz is your solution supplier for all automation tasks. Including standard control functions. Pilz developments protect man, machine and the environment.

Pilz has a tradition as a family-run company stretching back over 60 years. Real proximity to customers is visible in all areas, instilling confidence through individual consultation, total flexibility and reliable service. Worldwide, round the clock, in 31 subsidiaries and branches, as well as 15 sales partners on every continent.

More than 1,800 staff, each one of them an ambassador for safety, make sure that your company's most valuable asset – your staff – can work safely and free from injury.

Further information: www.pilz.com + Webcode 0837

Automation solutions from Pilz – at home in every industry.
Three-dimensional monitoring and control.
These days, man is always separated from the machine when there’s danger. As a result, interaction between the two is often only possible via a circuitous route of mechanical or sensory protection devices – at the cost of efficiency.

With the world’s first safe camera system, SafetyEYE, it is possible to work without mechanical restrictions, because SafetyEYE is a “sight-based” safety technology for zone monitoring. It combines intelligent sensor technology with effective evaluation, thereby optimizing ergonomic interaction between man and machine. SafetyEYE. Perfect 3D protection.

Contents

Automation: complete and simple! 6
Safe man-machine interaction – SafetyEYE 8
Sensor and control technology combined intelligently – SafetyEYE 10
Safely set up detection zones for your application – SafetyEYE Configurator 12
Selection guide and accessories – SafetyEYE 14
Safety services consulting, engineering and training 17
Automation solutions for your plant and machinery – complete and simple.

Pilz offers you solutions for complete automation. From sensor technology to control and drive technology – with safety and automation included. On all components and systems, simple commissioning, simple handling and simple diagnostics play an important role!

Profit from flexible automation solutions for small machines or even large, networked plants. Regardless of whether you want to standardize your safety, implement safety and automation in the periphery or are looking for the solution for complete automation.

Pilz solutions are embedded into the relevant system environment – whether a new structure or a retrofit – and open for a variety of interfaces and functionalities.

The perfect combination:

Control technology enables numerous application options, including monitoring of electrical
Automation solutions for your plant and machinery – complete and simple.
Pilz offers you solutions for complete automation. From sensor technology to control and drive technology – with safety and automation included. On all components and systems, simple commissioning, simple handling and simple diagnostics play an important role!

Profit from flexible automation solutions for small machines or even large, networked plants. Regardless of whether you want to standardize your safety, implement safety and automation in the periphery or are looking for the solution for complete automation.

Pilz solutions are embedded into the relevant system environment – whether a new structure or a retrofit – and open for a variety of interfaces and functionalities.

The perfect combination:
- Control technology enables numerous application options, including monitoring of electrical and functional safety, through to complete machine control.
- In the area of drive technology, the offer includes drive-integrated safety functions, safe logic functions and the connection of visualization, sensor and actuator technology.
- Your plant or machinery are completed with operator and graphics devices from Pilz.

Full diagnostic options for reduced machine downtimes
- Open communication for high flexibility
- Innovative software solutions for easy configuration and programming
- High scalability for individual solutions
- One system for safety and automation

and functional safety, through to complete machine control.

In combination with the various control systems, safe sensors and decentralized modules guarantee the efficient use of plant and machinery in compliance with standards. Ready-to-install systems and universally compatible solutions offer high potential savings.

Design, programming, configuration, commissioning and diagnostics can be achieved quickly and simply using Pilz automation software.

Pilz offers scalable solutions to suit each requirement – from sensor technology to control and drive technology.
Safe man-machine interaction – SafetyEYE®

The safe camera system SafetyEYE protects your plant from a bird’s eye view, because the sensing device is installed above the zone to be monitored. Where today’s applications require a multitude of sensors, a three-dimensional protective cocoon surrounds the danger zone or the object that is to be monitored. This guarantees free access to the work area and means that workstations can be designed with ergonomics in mind.

**Highest productivity, highly versatile**

The use of the safe camera system is indispensable in applications where man and machine work in close co-operation. At a workstation, after all, both the production speed as well as the high demands on safety must be met. SafetyEYE enables safe interaction between man and machine. By showing warning and detection zones, the worker is prevented from approaching the danger zone while the robot arm is in motion.

Whether in research, machine tool manufacturing or car production, SafetyEYE can be used universally thanks to the specially developed design, the sensing device and the evaluation algorithms.
Safe camera system SafetyEYE

Your benefits at a glance

- High level of safety and protection against manipulation
- Economical solution for three-dimensional monitoring and control
- Ergonomic workstations for higher productivity
- Efficient work practices for high cost-effectiveness
- User-friendly software with the SafetyEYE Configurator

Find out more in the SafetyEYE animation

Man and robot work at one station at the same time: SafetyEYE enables safe man-machine interaction in the automotive industry.
Safe camera system SafetyEYE

Sensor and control technology combined intelligently

The first safe camera system consists of a sensing device and analysis unit with an integrated safety system PSS. SafetyEYE detects and reports objects that encroach into warning and detection zones. Potentially hazardous work processes are safely monitored and controlled, protecting man and machine.

**Man and robot at one workstation**

Thanks to SafetyEYE, the bending machine (Fig. page 11) can be run in manual mode with the safety gate open while the robot works in automatic mode on the separator and press in the rear area. In the event of a detection zone violation, various measures can be introduced to protect the worker. These include checking detection zones before opening the safety gate, guaranteeing protection against encroachment from behind while in the workspace and the safe shutting down of subsections or even the entire plant.

**Safe and economical at the same time**

This economical solution only stops the robot in an emergency. This results in the highest productivity with maximum safety at the same time. Before restarting, a reset must be performed from outside the bending cell with the safety gate closed.

Keep up-to-date on safe camera systems SafetyEYE:

![Webcode 7153](image)

Online information at www.pilz.com

System structure of the safe camera system SafetyEYE.
SafeEYE enables safe access with the safety gate open.

Several defined detection zones are monitored safely from a bird’s eye view.

- Body protection, up to 7.5 m operating range
- Max. visible range approx. 72 m²
- Lighting from 300 lux required (depending on the background)
- For applications up to PL d EN ISO 13849-1, SIL 2 (EN IEC 61508), DIN EN 61496
- Protection types for sensing device: IP65, analysis unit: IP20

Dimensions of the safely monitored zone:
- Operating range 7.5 m
- 6.4 x 4.8 m (maximum visible range)
- 9.8 x 7.4 m
- Zone with limited detection capability 1.5 m

Sensor and control technology combined intelligently – SafetyEYE®
Ingeniously simple – simply ingenious: Virtual warning and detection zones can be set up intuitively using the SafetyEYE Configurator. You can define the detection zones, link them to form groups or switch detection zone arrangements to suit your needs. That way you can remain flexible; once arrangements have been defined they can be adapted at the click of a mouse using the SafetyEYE Configurator.

Create and edit projects quickly and without error
The project assistant actively guides you through the whole workflow step by step. This makes it quicker and easier to create and edit projects. The SafetyEYE Configurator offers you various pre-defined geometric forms or the option to create detection zones “in freehand”.

Your benefits at a glance
- Rapid installation and commissioning using just a few user-friendly components
- Simple configuration of 3D warning and detection zones, intuitively at the click of a mouse
- User-friendly diagnostics and evidence
- High level of flexibility when designing and redesigning applications: Detection zone arrangements can either be defined with body or arm resolution

Configuration rather than wiring
The inputs and outputs are freely configurable and can be linked using the logic elements via a simple drag and drop function. Benefit from the quick and easy commissioning as well as the reduced wiring.

Easily implement complex processes
Combine warning and detection zones into complex zone arrangements. Monitor several independent zones and take control using a single sensing device.

Violations of warning and/or detection zones are automatically documented
SafetyEYE can record an image of the current situation each time a warning or detection zone is violated. So detection zone violations are easy to record, evaluate and automatically document.
Application examples
The co-operation of man and machine is becoming increasingly more important as every workspace must achieve maximum productivity. Protection of the operator is of the highest priority here. The uninterrupted monitoring of dangerous work areas, in particular in combination with robots, is performed with the safe camera system SafetyEYE.
Safe camera system SafetyEYE

## Selection guide – SafetyEYE®

### Safe camera systems SafetyEYE – Starter Set

<table>
<thead>
<tr>
<th>Type</th>
<th>Features</th>
</tr>
</thead>
</table>
| **PSEN se Starter Set 1** | - Body protection, up to 7.5 m operating range  
- Maximum visible range approx. 72 m²  
- Lighting from 300 lux required, depending on the background  
- Protection types:  
  - Sensing device IP65  
  - Analysis unit IP20  
- Designed in accordance with all relevant norms and standards:  
  - SIL CL 2 of EN/IEC 61508  
  - PL d of EN ISO 13849-1  
  - In accordance with DIN EN 61496  
- Suitable for worldwide use |

| **PSEN se Starter Set 1 UL** | Like Starter Set 1 with UL approval |

### Sensing device

<table>
<thead>
<tr>
<th>Type</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PSEN se SU AM3 65</strong></td>
<td>Sensing device</td>
</tr>
</tbody>
</table>

### Analysis unit and programmable control system

<table>
<thead>
<tr>
<th>Type</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PSEN se AU AM3</strong></td>
<td>Analysis unit (2nd generation), 482.6 mm/19” module for rack-mounting</td>
</tr>
</tbody>
</table>
| **PSS 3047-3 ETH-2 SE** | Programmable control system with pre-installed user program for SafetyEYE (32 digital inputs,  
  6 of which are alarm outputs; 12 single-pole outputs,  
  4 of which are test pulse outputs; 3 dual-pole outputs;  
  Ethernet interfaces) |
| **PSS SB 3075-3 ETH-2 SE** | Programmable control system with pre-installed user program for SafetyEYE (48 digital inputs,  
  6 of which are alarm outputs; 18 single-pole outputs,  
  4 of which are test pulse outputs; 9 dual-pole outputs;  
  SafetyBUS p and Ethernet interfaces) |

---

Note: This leaflet considers the current development status. Please refer to the Internet for the latest technical details.

1) In accordance with EN 60529  
2) In accordance with EN 60068-2-14  
3) Included with the Starter Set  
4) Mounting (e.g. control cabinet)  
5) Housing
Safe camera system SafetyEYE

Starter Set contains

- PSEN se SU AM3 65
- PSEN se PA 250
- PSEN se AU AM3
- PSEN se AU AM2 Rear Mount
- PSS 3047-3 ETH-2 SE
- PSS ZKL 3047-3
- PSEN se TO Body 140
- PSEN se Cable FO2C 30

Order number

- PSEN se Cable ETH Patch 1 (2 cables)
- PSEN se Cable ETH Patch 5
- C-Fast card (2 pieces)
- PIT si3.1 indicator light unit
- PSEN se SM 6
- PSEN se SM 10
- PSEN se RM 6
- PSEN se RM 10
- SafetyEYE Assistant and Configurator

Components of Starter Set 1 plus PSEN se Cable FO2C 30 UL

Order number

- 581 300

Table: Dimensions, Protection type, Ambient temperature, Supply voltage, Order number

<table>
<thead>
<tr>
<th>Dimensions (H x W x D) in mm</th>
<th>Protection type</th>
<th>Ambient temperature</th>
<th>Supply voltage</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>82.0 x 292.0 x 292.0</td>
<td>IP65</td>
<td>0 … 50°C</td>
<td></td>
<td>581 130(^3)</td>
</tr>
</tbody>
</table>

Table: Dimensions, Protection type, Ambient temperature, Supply voltage, Order number

<table>
<thead>
<tr>
<th>Dimensions (H x W x D) in mm</th>
<th>Protection type</th>
<th>Ambient temperature</th>
<th>Supply voltage</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>312.0 x 483.0 x 405.0</td>
<td>IP54/IP20(^5)</td>
<td>0 … 40°C</td>
<td>110 … 240 V AC</td>
<td>581 131(^3)</td>
</tr>
<tr>
<td>246.4 x 123.6 x 162.0</td>
<td>IP20</td>
<td>0 … 60°C</td>
<td>24 VDC</td>
<td>300 123(^3)</td>
</tr>
<tr>
<td>246.4 x 160.2 x 162.0</td>
<td>IP20</td>
<td>0 … 60°C</td>
<td>24 VDC</td>
<td>300 253</td>
</tr>
</tbody>
</table>

Note: This leaflet considers the current development status. Please refer to the Internet for the latest technical details.

[^3]: In accordance with EN 60529  
[^5]: In accordance with EN 60068-2-14

Technical documentation on the safe camera systems SafetyEYE:

Webcode 7153

Training – Basic SafetyEYE Course:

Webcode 4001

Online information at www.pilz.com
## Selection guide – Accessories for SafetyEYE®

### Accessories for SafetyEYE

<table>
<thead>
<tr>
<th>Description Type</th>
<th>Features</th>
<th>Quantity</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable for data and supply voltage PSEN se Cable FO2C</td>
<td>To connect the sensing device to the analysis unit: FOC for data, copper cables for 12 V supply voltage</td>
<td>1</td>
<td>15 m __ 581122</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>30 m __ 581123</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50 m __ 581124</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>80 m __ 581125</td>
</tr>
<tr>
<td>Cable for data and supply voltage PSEN se Cable FO2C  UL</td>
<td>Like PSEN se Cable FO2C with UL approval</td>
<td>1</td>
<td>15 m __ 581126</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>30 m __ 581127</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50 m __ 581128</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>80 m __ 581129</td>
</tr>
<tr>
<td>Ethernet connection cable PSEN se Cable ETH Patch</td>
<td>To connect the analysis unit to the programmable control system or configuration PC, shielded</td>
<td>1</td>
<td>1 m __ 581112</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5 m __ 581111</td>
</tr>
<tr>
<td>Setup markers</td>
<td>Depends on the distance between sensing device and user plane</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSEN se SM 6</td>
<td>1 ... 6 m</td>
<td>5</td>
<td>581160^(3)</td>
</tr>
<tr>
<td>PSEN se SM 10</td>
<td>4 ... 10 m</td>
<td>5</td>
<td>581161^(3)</td>
</tr>
<tr>
<td>Reference markers</td>
<td>Depends on the distance between sensing device and user plane</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSEN se RM 6</td>
<td>1 ... 5 m</td>
<td>6</td>
<td>581170^(3)</td>
</tr>
<tr>
<td>PSEN se RM 10</td>
<td>4 ... 9 m</td>
<td>6</td>
<td>581171^(3)</td>
</tr>
<tr>
<td>Software</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SafetyEYE Configurator CD + Handbook</td>
<td>CD containing configuration software for SafetyEYE Assistant and Configurator, plus SafetyEYE documentation</td>
<td>1</td>
<td>581 250</td>
</tr>
<tr>
<td>SafetyEYE Configurator Base License</td>
<td>Basic licence for the SafetyEYE Assistant and Configurator</td>
<td>1</td>
<td>581 250B</td>
</tr>
<tr>
<td>SafetyEYE Configurator CD</td>
<td>CD with configuration software SafetyEYE Assistant and Configurator</td>
<td>1</td>
<td>581250D^(3)</td>
</tr>
<tr>
<td>SafetyEYE Configurator Copy License</td>
<td>Copy licence for the SafetyEYE Assistant and Configurator</td>
<td>1</td>
<td>581 250K</td>
</tr>
<tr>
<td>Indicator Light Unit</td>
<td>Red, amber, green</td>
<td>1</td>
<td>581190^(3)</td>
</tr>
<tr>
<td>PIT si3.1 indicator light unit</td>
<td>Supply voltage +24 VDC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test piece PSEN se TO Body 140</td>
<td>For regular function test, body protection, ø 140 mm</td>
<td>1</td>
<td>581182^(3)</td>
</tr>
<tr>
<td>Swivel arm PSEN se PA 250</td>
<td>For installing the sensing device</td>
<td>1</td>
<td>581150^(3)</td>
</tr>
<tr>
<td>Mounting bracket PSEN se AU AM2 Rear Mount</td>
<td>Suitable for mounting plate for the analysis unit (2nd generation)</td>
<td>1</td>
<td>581201^(3)</td>
</tr>
<tr>
<td></td>
<td>Dimensions (H x W x D): 250 x 30 x 55 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CompactFlash card C-Fast Karte</td>
<td>For storing the project, 4 GByte memory capacity</td>
<td>1</td>
<td>310389^(3) 4)</td>
</tr>
<tr>
<td>Screw connector</td>
<td>Plug-in screw terminals (1 set)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSS ZKL 3047-3</td>
<td>For PSS 3047-3 ETH-2 SE</td>
<td>1</td>
<td>300900^(3)</td>
</tr>
<tr>
<td>PSS ZKL 3075-3</td>
<td>For PSS SB 3075-3 ETH-2 SE</td>
<td>1</td>
<td>300910</td>
</tr>
</tbody>
</table>

1) 1 cable included in the SafetyEYE Starter Set (2nd generation)

2) 2 cables included in the SafetyEYE Starter Set (2nd generation)

3) Included in the SafetyEYE Starter Set

4) 2 cards included when ordering an analysis unit
Consulting, engineering and training

As a solution supplier, Pilz can help you to apply optimum safety strategies worldwide. Services encompass the whole machine lifecycle. Our training package with practical, up-to-date course content completes the offering.

Whether the intention is to put a new machine into service, retrofit an existing plant or interlink plant and machinery, the focus is always on safety in all phases of the machine’s life. Pilz provides support to companies during the safety-related inspection and when producing the necessary technical documentation. Potential hazard sources are identified, assessed and safely rectified using individual concepts, always in compliance with the relevant standards and directives. This helps to reduce both liability and operating costs.

Our comprehensive range of services also includes an extensive selection of training courses. With safety advice and engineering, a comprehensive and competent service is available over the whole machine lifecycle – from Risk Assessment to System Implementation, Safety Validation and CE Marking.

<table>
<thead>
<tr>
<th>Risk Assessment</th>
<th>Plant Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Concept</td>
<td>Inspection of Safeguarding Devices</td>
</tr>
<tr>
<td>Safety Design</td>
<td></td>
</tr>
<tr>
<td>System Implementation</td>
<td></td>
</tr>
<tr>
<td>Safety Validation</td>
<td></td>
</tr>
<tr>
<td>CE Marking</td>
<td>Machinery Safety in the Workplace</td>
</tr>
<tr>
<td>International Compliance Services</td>
<td>Seminars on all aspects of machinery safety plus specific product courses</td>
</tr>
</tbody>
</table>

Services related to machinery safety:

Knowledge gives you a competitive edge – Training from Pilz:

Online information at www.pilz.com
Contact

AT
Pilz Ges.m.b.H.
Sichere Automation
Modecenterstraße 14
1030 Wien
Austria
Telephone: +43 1 7986263-0
Telefax: +43 1 7986264
E-Mail: pilz@pilz.at
Internet: www.pilz.at

AU
Pilz Australia
Safe Automation
Unit D7, Hallmarc Business park Clayton
Corner of Westall and Centre roads
Clayton, Melbourne, Victoria 3168
Australia
Telephone: +61 3 95448300
Telefax: +61 3 95448311
E-Mail: safety@pilz.com.au
Internet: www.pilz.com.au

BE, LU
Pilz Belgium
Safe Automation
Bijenstraat 4
9051 Gent (Sint-Denijs-Westrem)
Belgium
Telephone: +32 9 3217570
Telefax: +32 9 3217571
E-Mail: info@pilz.be
Internet: www.pilz.be

BR
Pilz do Brasil
Automação Segura
Av. Senador Vergueiro, 347/355 - Jd. do Mar
CEP: 09750-000
São Bernardo do Campo - SP
Brazil
Telephone: +55 11 4126-7290
Telefax: +55 11 4942-7002
E-Mail: pilz@pilz.com.br
Internet: www.pilz.com.br

CA
Pilz Automation Safety Canada L.P.
250 Bayview Drive
Barrie, Ontario
Canada, L4N 4Y8
Telephone: +1 705 481-7459
Telefax: +1 705 481-7469
E-Mail: info@pilz.ca
Internet: www.pilz.ca

CH
Pilz Industrielektronik GmbH
Gewerbepark Hintermättli
5506 Mägenwil
Switzerland
Telephone: +41 62 88979-30
Telefax: +41 62 88979-40
E-Mail: pilz@pilz.ch
Internet: www.pilz.ch

CN
Pilz Industrial Automation
Trading (Shanghai) Co., Ltd.
Rm. 1702-1704
Yongda International Tower
No. 2277 Long Yang Road
Shanghai 201204
China
Telephone: +86 21 60880878
Telefax: +86 21 60880870
E-Mail: sales@pilz.com.cn
Internet: www.pilz.com.cn

CZ, SK
Pilz Czech s.r.o
Safe Automation
Zelený pruh 1560/99
140 00 Praha 4
Czech Republic
Telephone: +420 222 135353
Telefax: +420 222 135359
E-Mail: info@pilz.cz
Internet: www.pilz.cz

DE
Pilz GmbH & Co. KG
Felix-Wankel-Straße 2
73760 Ostfildern
Germany
Telephone: +49 711 3409-0
Telefax: +49 711 3409-133
E-Mail: info@pilz.de
Internet: www.pilz.de

DK
Pilz Skandinavien K/S
Safe Automation
Ellegaardvej 25 L
6400 Sonderborg
Denmark
Telephone: +45 74436332
Telefax: +45 74436342
E-Mail: pilz@pilz.dk
Internet: www.pilz.dk

ES
Pilz Industrielektronik S.L.
Safe Automation
Cami Ral, 130
Poligono Industrial Palou Nord
08401 Granollers
Spain
Telephone: +34 938497433
Telefax: +34 938497544
E-Mail: pilz@pilz.es
Internet: www.pilz.es

FI
Pilz Skandinavien K/S
Safe Automation
Nuijamieستنتيي 7
00400 Helsinki
Finland
Telephone: +358 3 81204300
Telefax: +358 3 81204300
E-Mail: pilz.fi@pilz.dk
Internet: www.pilz.fi

FR
Pilz France Electronic
1, rue Jacob Mayer
CS 80012
67037 Strasbourg Cedex 2
France
Telephone: +33 3 88104000
Telefax: +33 3 88104000
E-Mail: siege@pilz-france.fr
Internet: www.pilz.fr

GB
Pilz Automation Ltd
Pilz House
Little Colliers Field
Corby, Northants
NN18 8TJ
United Kingdom
Telephone: +44 1536 460766
Telefax: +44 1536 460866
E-Mail: sales@pilz.co.uk
Internet: www.pilz.co.uk

IE
Pilz Ireland Industrial Automation
Cork Business and Technology Park
Model Farm Road
Cork
Ireland
Telephone: +353 21 4346635
Telefax: +353 21 4804994
E-Mail: sales@pilz.ie
Internet: www.pilz.ie

In many countries we are represented by sales partners. Please refer to our homepage www.pilz.com for further details or contact our headquarters.
Support

Technical support is available from Pilz round the clock.

Americas
Brazil
+55 11 97569-2804
Canada
+1 888-315-PILZ (315-7459)
Mexico
+52 55 5572 1300
USA (toll-free)
+1 877-PILZUSA (745-9872)

Asia
China
+86 21 60880878-216
Japan
+81 45 471-2281
South Korea
+82 31 450 0680

Australia
+61 3 95446300

Europe
Austria
+43 1 7986263-0
Belgium, Luxembourg
+32 9 3217575
France
+33 3 88104000
Germany
+49 711 3409-444
Ireland
+353 21 4804983
Italy
+39 0362 1826711

Scandinavia
+45 74436332
Spain
+34 938497433
Switzerland
+41 62 88979-30
The Netherlands
+31 347 320477
Turkey
+90 216 5775552
United Kingdom
+44 1536 462203

You can reach our international hotline on:
+49 711 3409-444
support@pilz.com

Pilz develops environmentally-friendly products using ecological materials and energy-saving technologies. Offices and production facilities are ecologically designed, environmentally-aware and energy-saving. So Pilz offers sustainability, plus the security of using energy-efficient products and environmentally-friendly solutions.

The 4-fold safety of automation

COMPONENTS
SYSTEMS
SERVICES
Technical Ecological Personal Economical

Presented by:

Pilz GmbH & Co. KG
Felix-Wankel-Straße 2
73760 Ostfildern, Germany
Tel.: +49 711 3409-0
Fax: +49 711 3409-133
info@pilz.com
www.pilz.com