



Control and signal devices PIT®

pilz

Emergency stop pushbuttons, pushbuttons for operational stop,
muting lamps and manually operated control devices

Everything – simply – safely – from Pilz!

the spirit of safety



► Business activities

Components		
Sensor technology	▶ Safe proximity switches ▶ Safe rope pull switches ▶ Safety switches ▶ Safety bolts ▶ Safe hinge switches ▶ Safety gate systems ▶ Safety light beams/curtains/grids ▶ Camera-based protection and measuring systems ▶ Safe camera systems	
Control technology	▶ Relays for electrical safety ▶ Relays for functional safety ▶ Configurable control systems ▶ Compact programmable control systems ▶ Modular programmable control systems ▶ Decentralised periphery	
Networks	▶ Network components ▶ Industrial communication	
Drive technology	▶ Motion control systems ▶ Servo amplifiers ▶ Motors	
Operator and visualisation systems	▶ Control and signal devices ▶ Operator terminals	
Software	▶ System software and tools ▶ Application software	
Systems		
Automation system PSS 4000	▶ Control systems ▶ Real-time Ethernet ▶ Software platform	  
Services		
Consulting and engineering	▶ Risk Assessment ▶ Safety Concept ▶ Safety Design ▶ System Implementation ▶ Safety Validation ▶ CE Marking ▶ International Compliance Services ▶ Plant Assessment ▶ Inspection of ESPE	
Training	▶ Seminars ▶ Courses	

Support

Technical help round the clock!

Technical support is available from Pilz round the clock. This service is provided free of charge beyond standard business hours.

Americas

- ▶ Brazil
+55 11 8245-8267
- ▶ Mexico
+52 55 5572 1300
- ▶ USA (toll-free)
+1 877-PILZUSA (745-9872)

Asia

- ▶ China
+86 21 62494658-216
- ▶ Japan
+81 45 471-2281
- ▶ Korea
+82 2 2263 9540

Australia

- ▶ Australia
+61 3 95446300

Europe

- ▶ Austria
+43 1 7986263-0
- ▶ Belgium, Luxembourg
+32 9 3217575
- ▶ England
+44 1536 462203
- ▶ France
+33 3 88104000
- ▶ Germany
+49 711 3409-444
- ▶ Ireland
+353 21 4804983
- ▶ Italy
+39 031 789511
- ▶ Scandinavia
+45 74436332
- ▶ Spain
+34 938497433
- ▶ Switzerland
+41 62 88979-30
- ▶ The Netherlands
+31 347 320477
- ▶ Turkey
+90 216 5775552

**You can reach our
international hotline on:**

**+49 711 3409-444
support@pilz.com**

Pilz GmbH & Co. KG
Felix-Wankel-Straße 2
73760 Ostfildern, Germany

Telephone: +49 711 3409-0
Telefax: +49 711 3409-133
E-Mail: pilz.gmbh@pilz.de
Internet: www.pilz.com



Pilz – Complete automation

Total customer proximity

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 24 subsidiaries and branch offices.

Benefit-oriented innovations

Our customer proximity is the basis for our innovative strength. We are always oriented towards current market requirements, which is why we can offer innovative automation solutions in every case. Market leadership in safe automation secures our leadership in research and technology. Customer proximity and innovation belong together and are mutually dependent.

All our experience and knowledge go into individual products and sophisticated system solutions.

- ▶ Sensor technology
- ▶ Control technology
- ▶ Networks
- ▶ Drive technology
- ▶ Operator and visualisation systems
- ▶ Software
- ▶ Automation system PSS 4000
- ▶ Consulting and engineering
- ▶ Training

Overall solutions

Pilz is your solution supplier for all automation functions. Including standard control functions. Pilz developments protect man, machine and the environment. Our automation solutions incorporate our knowledge and experience from the stringent demands of safety technology, as well as the sum of our knowledge gained from over 60 years' experience of general automation technology.

the spirit of safety

With their knowledge, enthusiasm, creativity and courage to take the unconventional route, our staff have made us what we are today: one of the leading brands in automation technology.

More than 1 300 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.





Contents

► Pilz product areas	4
► Product range PITestop	6
- Selection guide	8
- Technical details	9
► Product range PITsign	14
- Technical details	14
► Product range PITjog	16
- Technical details	16
► Product range PITmode	18
- Technical details	18

Safety for man and machine

Selection of the correct control and signal devices is a key factor for the safety of man and machine. Rely on a safe solution using Pilz pushbuttons for emergency stop and operational stop,

muting lamps and manually operated control devices. Build a customised, complete solution from Pilz's range of products and services with maximum compatibility.



► Everything – simply – safely – the complete

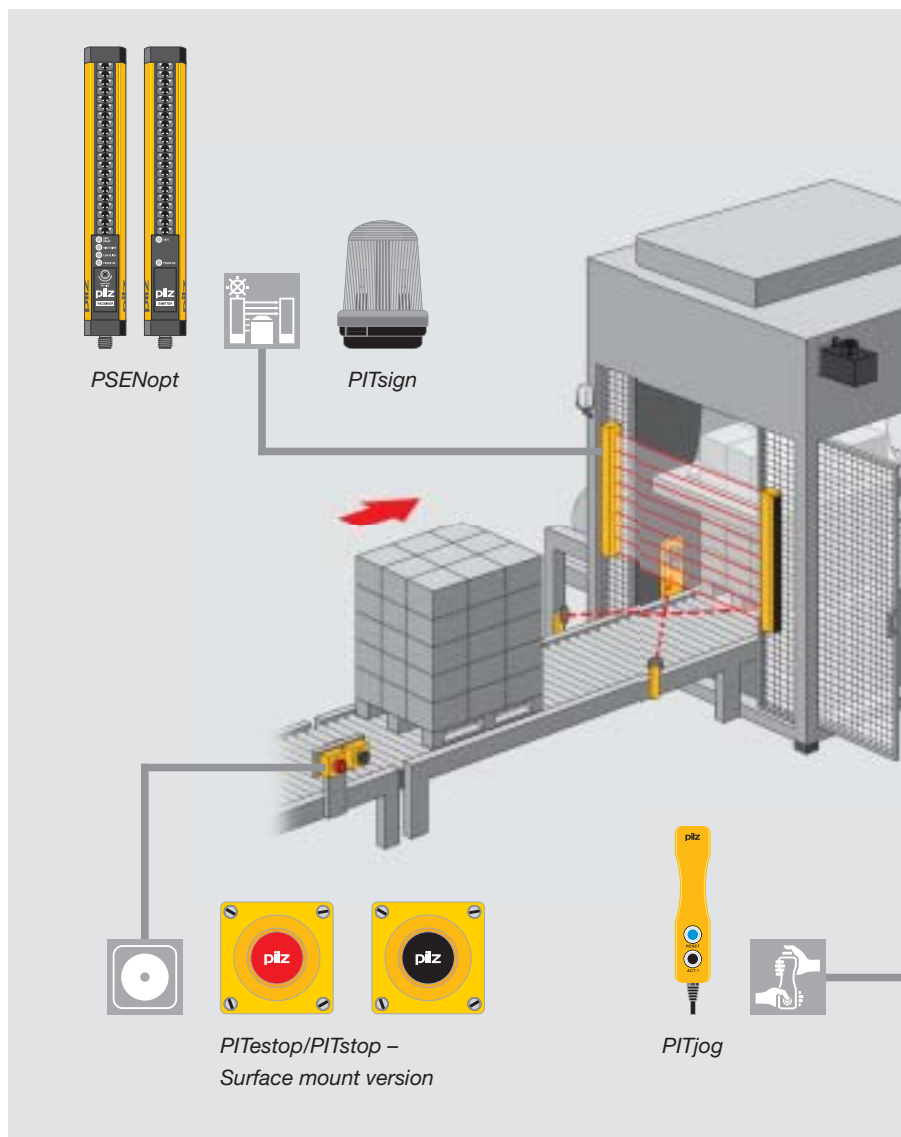
Selection of the correct control and signal devices is a key factor for the safety of man and machine. Rely on a safe solution with Pilz emergency stop push-buttons, muting lamps and manually operated control devices.

Emergency stop pushbutton PITestop

The emergency stop pushbuttons have a practical, industrial design and ensure safety for man and machine on emergency stop equipment. The black push-buttons for an operational stop can be used to shut down plant and machine sections.

Muting lamps PITsign

The muting lamps PITsign indicate that an electrosensitive protective device is suspended. They are suitable for all muting applications in accordance with EN/IEC 61496-1.



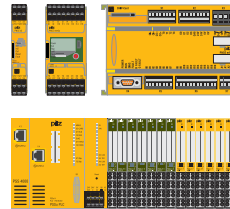
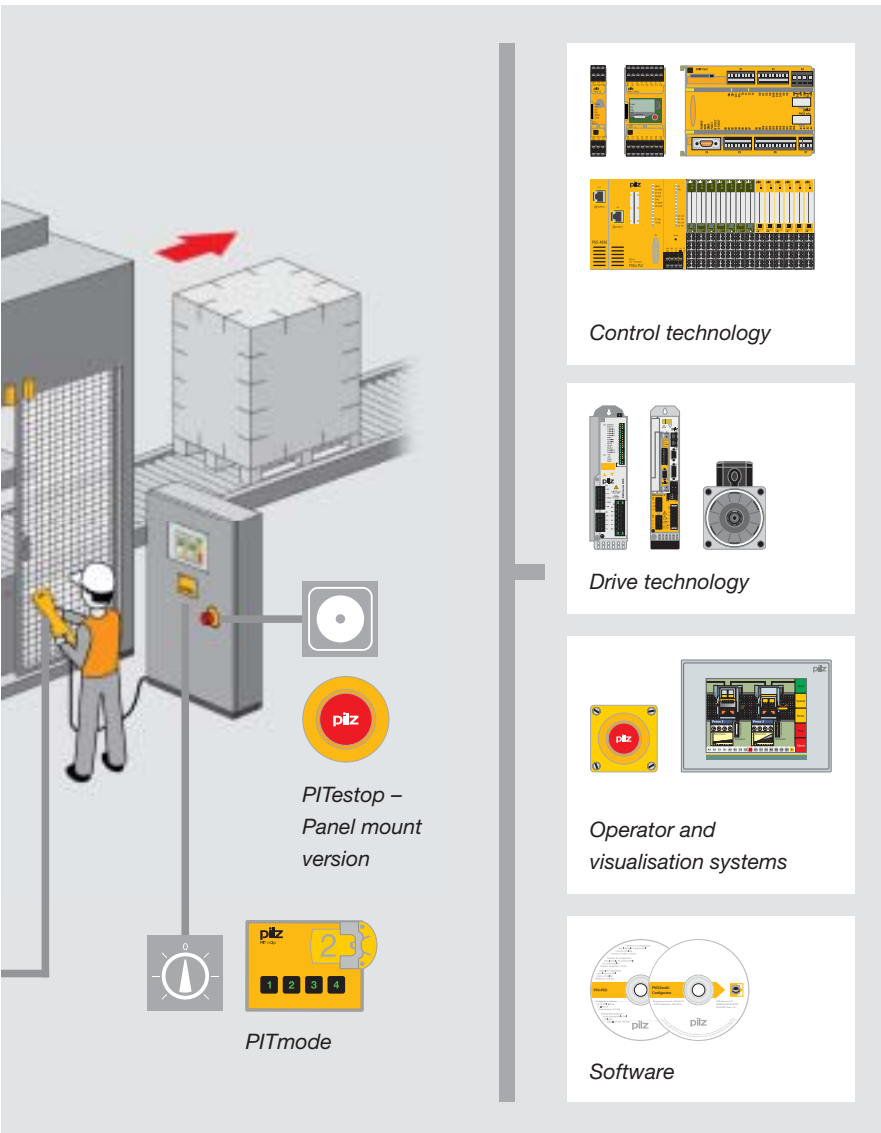
Manually operated control device PITjog

The manually operated control device PITjog is used to protect personnel when the effect of safety equipment on machinery has to be partially or fully overridden.

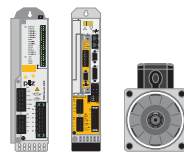
Operating mode selector switch PITmode

The operating mode selector switch PITmode provides two functions in one compact unit. Selection of operating mode and authorisation control for machine access.

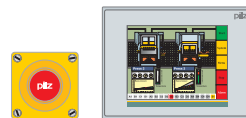
solution!



Control technology



Drive technology



Operator and visualisation systems



Software

Your benefits at a glance

- ▶ Reliable, high-quality products and maximum compatibility
- ▶ Complies with all relevant standards and approvals
- ▶ Worldwide availability from a reliable supplier with comprehensive safety expertise
- ▶ Save costs thanks to simple, fast installation
- ▶ Long service life thanks to functional, robust design
- ▶ Industry-wide applications



Solution suppliers for safety and standard

Pilz is your solution supplier for safe automation. Control and signal devices can be used with the whole range of Pilz control technology. Sensor technology, drive technology, operator and visualisation systems plus software products complement these solutions.

Services from the safety professionals

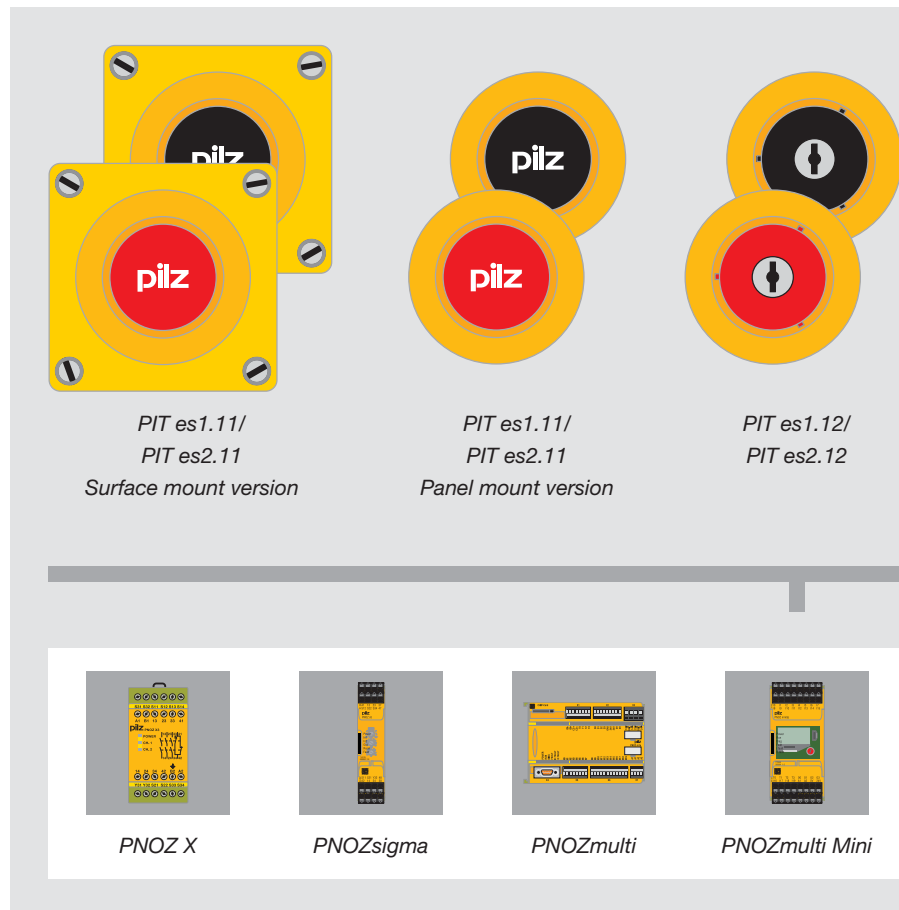
Pilz is there beside you, acting as your competent partner during all phases of the machine's lifecycle: from identification of the danger point through to implementation of safety concepts and overall solutions. Pilz training courses cover all issues of machinery safety.



► Safe all round – emergency stop pushbutton

Enhanced protection from the safety professionals

Selection of the correct emergency stop equipment is a key factor for the safety of man and machine. In accordance with the Machinery Directive, plant and machinery must be fitted with emergency stop equipment so that a hazard can be averted or reduced in the case of an emergency. In a dangerous situation, emergency stop control devices are operated manually, triggering a signal to halt a potentially hazardous movement. By generating the emergency stop command the emergency stop control device is latched in. This must be maintained until the control device is released manually.



Safe all over the world

For worldwide use, the emergency stop pushbuttons PITestop meet all the relevant international standards and regulations, such as EN/IEC 60947-5-1, EN/IEC 60947-5-5 and EN ISO 13850. Suitable for applications up to Category 4 of EN 954-1, SIL CL 3 of EN/IEC 62061 and PL d of EN ISO 13849-1, they also meet UL and CE requirements. Designed to protection type IP65, the pushbutton is released by turning it to the left or right.

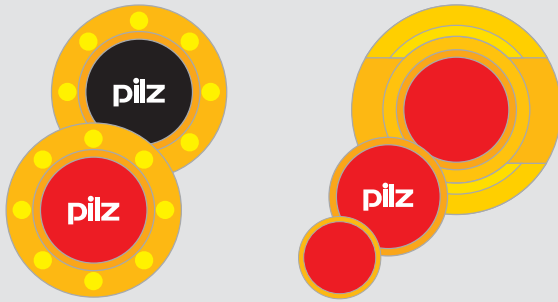
A black stripe around the shaft is covered when the mushroom-type pushbutton is operated, thereby indicating the switch position.

Pushbutton for operational stop

The pushbutton for an operational stop is used to shut down plant and machine sections. The advantage is that it's not necessary to shut down the entire plant. Only relevant areas of the plant are made accessible, e.g. for maintenance.

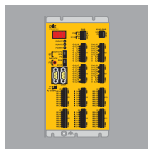


PITestop

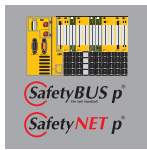


PIT es1.13/
PIT es2.13

PIT es5.11/
PIT es1.15/
PIT es6.10



PSS



PSSuniversal



PSS 4000

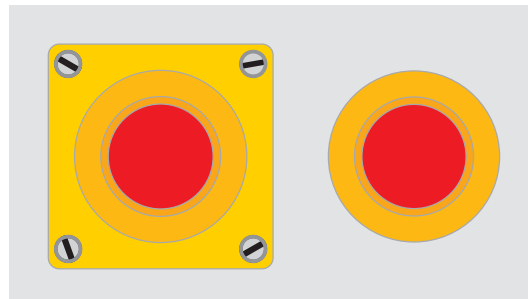
Safety contact blocks for dropout protection

Pilz supplies safety contact blocks with dropout protection. The dropout protection is a N/O contact connected in series, which breaks the circuit in the event of an error. This additional function gives our customers a fast, safe solution for panel mount applications, at no extra cost.

Our portfolio

We supply a practical, complete safety package consisting of:

- ▶ Emergency stop push-button with red actuator
- ▶ Pushbutton for an operational stop with black actuator for area shutdown
- ▶ Panel mount or surface mount version
- ▶ With illumination
- ▶ With key
- ▶ Emergency stop push-button suitable for hygiene environments (IP69K)
- ▶ With "Pilz" logo, without "Pilz" logo
- ▶ Panel mount version with special safety contact block
- ▶ Contact blocks with N/C / N/O combination, two N/C or one N/C



All Pilz emergency stop pushbuttons are also available without the Pilz inscription on the actuator.

Keep up-to-date
on emergency
stop pushbuttons
PITestop and
pushbuttons
for operational
stop PITstop:

 Webcode 1475

Online information
at www.pilz.com



► Selection guide – PITestop

Panel mounting with safety contact block

**Actuator
Order number**



No. of N/C / N/O contacts



**Safety contact block ¹⁾
Order number**

PIT esb1.1
400 305

PIT esb1.2
400 301

PIT esb1.3
400 304

PIT esb1.4
400 307

Same configuration principle for pushbutton for operational stop (black actuator) and pushbutton without Pilz inscription on the actuator

¹⁾ pre-assembled with bracket

Surface mounting

**Actuator
Order number**



No. of N/C / N/O contacts



**Contact block ¹⁾
Order number**

PIT esb2.1
400 300

PIT esb2.2
400 302

PIT esb2.3
400 303

PIT esb2.4
400 306



**Surface mount housing
Order number**

PIT es box
400 200

N/C contact

N/O contact

► Technical details – PITestop

Pre-assembled sets

The emergency stop pushbuttons PITestop can be assembled in a modular fashion, as shown.

Twelve pre-assembled sets are available to simplify the order process. If one of these sets meets your requirements, please use the corresponding order number for that set.

Pre-assembled sets PITestop, panel mounting



Type	Components	Order number	
		with Pilz logo	without Pilz logo
PITes Set 1.1/ Set 3.1	Actuator PIT es1.11/PIT es3.11 Safety contact block PIT esb1.2 	400 410	400 510
PITes Set 1.2/ Set 3.2	Actuator PIT es1.11/PIT es3.11 Safety contact block PIT esb1.3 	400 411	400 511
PITes Set 6.1	Actuator PIT es6.10 Contact block PIT esb6.10 	-	400 620
PITes Set 6.2	Actuator PIT es6.10 Contact block PIT esb6.11 	-	400 621
PITes Set 6.3	Actuator PIT es6.10 Contact block PIT esb6.13 	-	400 622
PITes Set 6.4	Actuator PIT es6.10 Safety contact block PIT esb6.16 	-	400 623

★ Type recommended by Pilz for the majority of your applications

Pre-assembled sets PITestop, surface mounting



PITes Set 2.1/ Set 4.1	Actuator PIT es1.11/PIT es3.11 Surface mount housing PIT es box Contact block PIT esb2.2 	400 420	400 520
PITes Set 2.2/ Set 4.2	Actuator PIT es1.11/PIT es3.11 Surface mount housing PIT es box Contact block PIT esb2.3 	400 421	400 521



► Technical details – PITestop/PITstop

Emergency stop pushbutton, pushbutton for operational stop

Common features:

- Application range:
EN/IEC 60947-5-1
and EN/IEC 60947-5-5
- Protection type: IP65;
PIT es1.15 and PIT es3.15: IP69K
- Mounting hole: 22.3 mm
- Mechanical life:
50,000 operations
- Connection options:
Connection to contact blocks
type PIT esb
- Dimensions:
see dimensioned drawings

Safe rope pull switches PSENrope

PSENrope switch off functional processes through manual operation. PSENrope provide maximum safety when it matters: the emergency stop function can be triggered at any point along the rope.

Further information
on safe rope
pull switches
PSENrope:

 Webcode 6001

Online information
at www.pilz.com



PSEN rs1.0

PSEN rs2.0



PIT es1.11



PIT es1.12



PIT es1.13



PIT es1.15



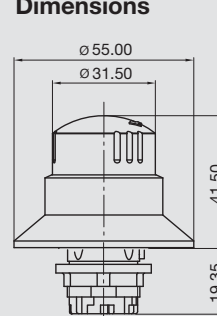
PIT es5.11



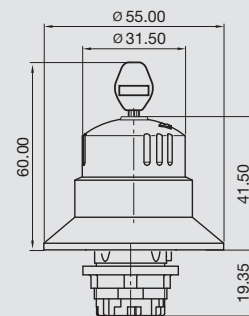
PIT es6.10

Type	Actuator
PIT es1.11	Standard actuator
PIT es2.11	Standard actuator
PIT es3.11	Standard actuator
PIT es1.12	With key-release
PIT es2.12	With key-release
PIT es1.13	Illuminated
PIT es2.13	Illuminated
PIT es3.13	Illuminated
PIT es1.15	For hygiene critical area
PIT es3.15	For hygiene critical area
PIT es5.11	Standard actuator with protective collar
PIT es5.12	With protective collar and key-release
PIT es5.13	With protective collar and illuminated
PIT es6.10	Standard actuator

Dimensions



PIT es1.11/
PIT es2.11/
PIT es3.11



PIT es1.12/
PIT es2.12

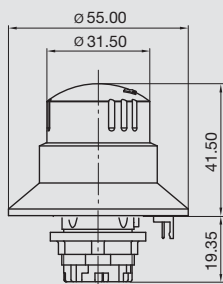


Twist to release	Actuator colour		Inscription on actuator		Order number
	red ¹⁾	black ²⁾	with Pilz logo	without Pilz logo	
Right or left	◆		◆		400 100 ³⁾
Right or left		◆	◆		400 110
Right or left	◆			◆	400 500 ³⁾
Right	◆			◆	400 101
Right		◆		◆	400 111
Right or left	◆		◆		400 102
Right or left		◆	◆		400 112
Right or left	◆			◆	400 502
Right or left	◆		◆		400 104
Right or left	◆			◆	400 504
Right or left	◆			◆	400 600
Right	◆			◆	400 601
Right or left	◆			◆	400 602
Right or left	◆			◆	400 610 ³⁾

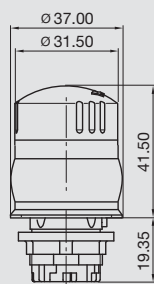
¹⁾ Emergency stop actuator ²⁾ STOP actuator for area shutdown

³⁾ Also available in a pre-assembled set, see page 9 ⁴⁾ Dimensions for PIT es5.12/PIT es5.13 differ slightly

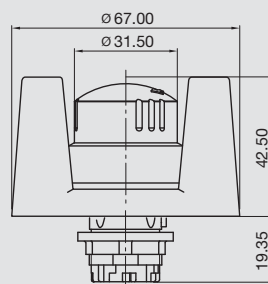
★ Type recommended by Pilz for the majority of your applications



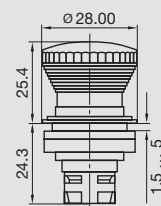
PIT es1.13/
PIT es2.13/
PIT es3.13



PIT es1.15/
PIT es3.15



PIT es5.11 ⁴⁾



PIT es6.10



► Technical details – PITestop/PITstop

Safety contact blocks for panel mounting and contact blocks for surface mounting

Common features:

- Application range:
EN 954-1: Category 2, 3 or 4,
SIL CL 1, 2 or 3 of EN/IEC 62061,
PL c, d or e of EN ISO 13849-1,
EN/IEC 60947-5-1
- Rated operating voltage U_e :
250 VAC (3 A), 24 VDC (2 A)
- Connection:
Screw connections 2 x 2.5 mm²,
finger-proof in accordance with VBG 4
- Contact material: Hard silver Ag/Ni
- Service life:
 - 1,000,000 cycles
 - 1,000,000 operations
(at nominal load)
- Min. current: 1 mA
- Min. voltage: 5 V



PIT esb1.2



PIT esc1



PIT esb6.11



PIT esb6.13

Type	Method
PIT esb1.1	Safety contact block with bracket
PIT esb1.2	Safety contact block with bracket
PIT esb1.3	Safety contact block with bracket
PIT esb1.4	Safety contact block with bracket
PIT esb2.1	Contact block with bracket
PIT esb2.2	Contact block with bracket
PIT esb2.3	Contact block with bracket
PIT esb2.4	Contact block with bracket
PIT esc1	Safety contact block without bracket
PIT esc2	Contact block without bracket
PIT esc3	Contact block without bracket
PIT esb6.10	Contact block
PIT esb6.11	Contact block
PIT esb6.12	Contact block
PIT esb6.13	Contact block
PIT esb6.14	Contact block
PIT esb6.15	Contact block
PIT esb6.16	Safety contact block

 N/C contact

 N/O contact

Accessories – PIT PAA



PIT es box



PSEN ix1



PIT MHR3



PIT MHR5

Type	Method
PIT es box	Surface mount housing for use in combination with PITestop actuators and contact blocks
PSEN ix1	Multiple interface
PIT MHR3	Contact block bracket
PIT MHR5	Contact block bracket



Connection	Contacts	Mounting type	Order number
Screw connection		Panel mount	400 305
Screw connection		Panel mount	400 301 ¹⁾
Screw connection		Panel mount	400 304 ¹⁾
Screw connection		Panel mount	400 307
Screw connection		Surface mount with PIT es box	400 300
Screw connection		Surface mount with PIT es box	400 302 ¹⁾
Screw connection		Surface mount with PIT es box	400 303 ¹⁾
Screw connection		Surface mount with PIT es box	400 306
Screw connection		Panel mount	400 315
Screw connection		Panel or surface mount	400 320
Screw connection		Surface mount with PIT es box	400 310
Screw connection		Panel mount	400 360 ¹⁾
Screw connection		Panel mount	400 361 ¹⁾
Screw connection		Panel mount	400 362
Flat connector		Panel mount	400 363 ¹⁾
Flat connector		Panel mount	400 364
Flat connector		Panel mount	400 365
Flat connector		Panel mount	400 366 ¹⁾

¹⁾ Also available in a pre-assembled set, see page 9

Features	Order number
- Protection type: IP65 - Protection class: II 2 perforated openings for the stuffing box connection - Cable entry ISO 20 mm (PG 13.5)	- Dimensions (H x W x D): 61.5 x 72 x 72 mm - Also available in pre-assembled set 2.1, set 2.2, set 4.1 and set 4.2 400 200
- Connection of several emergency stop pushbuttons or safety switches to PNOZ safety relays - Max. of 13 PSEN ix1 units can be connected in series	- Connection of max. 50 emergency stop pushbuttons - Volt-free signal outputs to evaluate the switch status - Connection via spring-loaded terminals 535 120
3 slots	400 330
5 slots - A max. of 3 (safety) contact blocks may be fitted to ensure that the unit is guaranteed to be tamper-proof (one safety contact block occupies two slots, one contact block occupies one slot)	400 340



► Muting lamps PITsign

Muting function

Muting is the safe, automatic and temporary suspension of an electrosensitive protective device in accordance with the standard EN/IEC 61496-1. It is mostly required when transporting material into or out of a danger zone. PITsign muting lamps signal that an optoelectronic protective device is suspended. This in turn will increase safety for the plant or machine operator.

Safe, complete solution

In conjunction with approved evaluation devices, Pilz offers a safe, complete solution for monitoring muting.

- **Muting lamp PIT si1.1** in conjunction with
 - Light curtains and light grids PSENopt
 - Programmable control systems PSS
 - Dual-pole outputs (PSS, PNOZmulti)
 - Muting controller PMUT X1P

- **Monitored muting lamp PIT si1.2** in conjunction with all PNOZ safety relays that do not have a muting lamp monitoring function
- **LED muting lamp PIT si2.1** in conjunction with all Pilz evaluation devices
- **LED indicator light unit PIT si3.1** in conjunction with the safe camera system SafetyEYE

Muting lamps



PIT si1.1

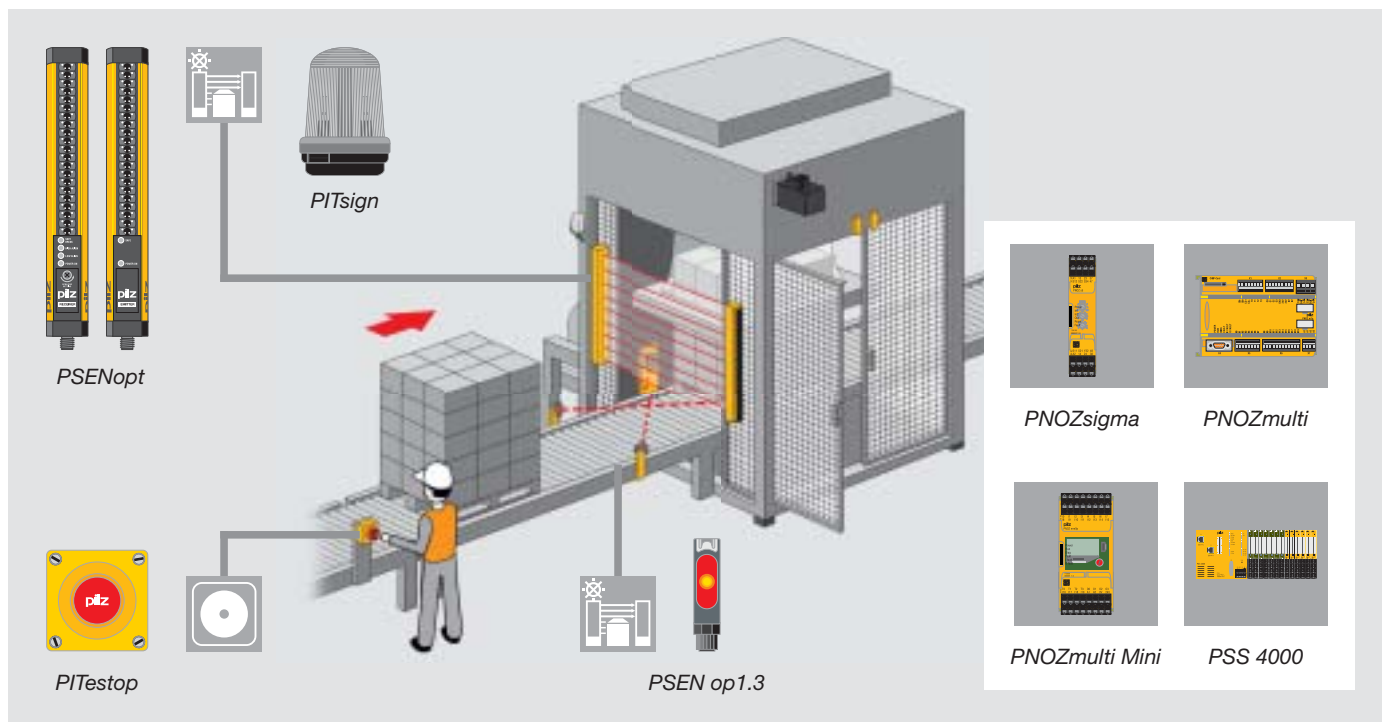


PIT si3.1

Type	Application
PIT si1.1	► Unmonitored muting lamp in accordance with EN/IEC 61496 and VDE 0113-201 ► Suitable for use with PSENopt light curtains and light grids, with PSS programmable control systems, units with dual-pole outputs (PSS DIO Z/DI20 Z, PNOZmulti), PMUT X1P safety relay
PIT si1.2	► Monitored muting lamp in accordance with EN/IEC 61496 and VDE 0113-201 ► For applications up to Category 4 of EN 954-1, SIL CL 3 of EN/IEC 62061, PL e of EN ISO 13849-1 ► For universal use thanks to integrated lamp monitoring in accordance with the ESPE standard 61496-1/-2
PIT si2.1	► Unmonitored LED muting lamp in accordance with EN/IEC 61496 and VDE 0113-201 ► Suitable for use with PSENopt light curtains and light grids, with PSS programmable control systems, units with dual-pole outputs (PSS DIO Z/DI20 Z, PNOZmulti), PMUT X1P safety relay
PIT si3.1	► Unmonitored indicator light unit ► Signals various operating and plant statuses (red and green light element) ► Signals process errors and warning zone violations (amber light element) ► Suitable for use with the safe camera system SafetyEYE

Common features:

- Supply voltage: 24 VDC
- Protection type: IP65



Lamp/ power consumption	Dimensions (diameter/height) in mm	Scope	Spare lamp	Order number
Bulb/5 W	100/138.5	PIT si1.1 incl. bulb, mounting bracket and 2 screws	PITsign replacement bulb 5 W bulb Order number: 620 080	620 010
Bulb/7 W	100/138.5	PIT si1.2 incl. bulb, mounting bracket and 2 screws	PITsign replacement bulb 7 W bulb Order number: 620 100	620 020
LED/4 W	100/138.5	PIT si2.1 incl. LED, mounting bracket and 2 screws	-	620 015
LED/5 W	70/208 x 37 x 190	PIT si3.1 red, amber and green incl. LED, conduit (250 mm), gasket, O-ring gasket, safety screw (3.5 x 16)	-	581 190

★ Type recommended by Pilz for the majority of your applications

Keep up-to-date
on muting lamps
PITsign:

 Webcode 1480

Online information
at www.pilz.com



► Manually operated control device PITjog

Safe within the danger zone

The manually operated control device PITjog can be used as an enabling switch. For example it is used when processes within the plant or machine's danger zone are being monitored while the safety gate is open.

In contrast to a conventional enabling switch, both hands are required to operate the PITjog. Access to the danger zone using one hand, whether by carelessness or accident, is prevented. Additional protection measures may be required depending on the result of the hazard analysis.

The complete solution

Add the final touch to your solution! Allow staff to work safely within the danger zone of your plant or machine in conjunction with approved evaluation devices from Pilz:

- Two-hand control devices P2HZ
- Safety relays PNOZ s6
- Safety relays PNOZ e2.1p
- Two-hand module from the modular safety system PNOZmulti
- Programmable control systems PSS with standard function block SB059
- Control systems from the automation system PSS 4000

Manually operated command device

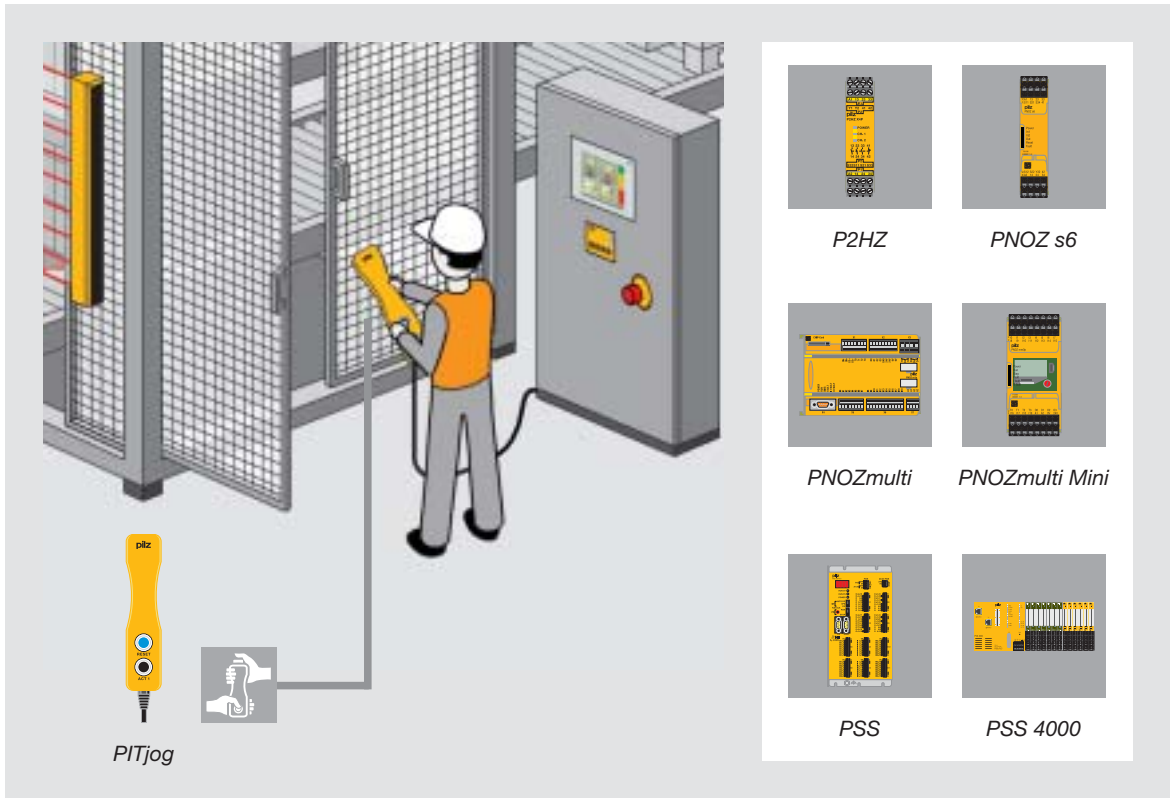


PIT js2



PIT js holder

Type	Method	Application	Operating voltage
PIT js2	Manually operated control device	► Manually operated control device, which can be used as an enabling device ► Authorised personnel can monitor processes inside the danger zone of automated manufacturing facilities when movable guards are open	24 VAC/DC
PIT js holder	Wall holder for PIT js2	-	-



Ambient temperature	Protection type	Dimensions (H x W x D) in mm	Housing material	Coiled cable		Order number
				Length	Length, stretched	
-10 °C ... +55 °C	IP50	334 x 75 x 60	PC-ABS blend UL 94V0	1 m	4 m	401 100
-	-	310 x 83 x 71.5	Rust-proof steel	-	-	401 200

Keep up-to-date on the manually operated control device PITjog:

 Webcode 1485

Online information at www.pilz.com



► Operating mode selector switch PITmode

One unit – two functions

The operating mode selector switch PITmode provides two functions in one compact unit: selection of operating mode and authorisation control for machine access.

As an operating mode selector switch it enables you to switch between defined operating modes. That way, each operator is given the machine enables that match his abilities. Thanks to identification management it is possible to assign authorisations in the machine control system that influence the access authorisations in the PITmode operation.

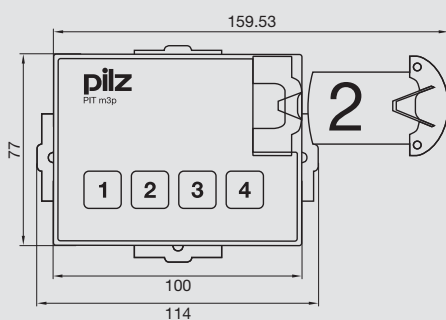
The PITmode can be used on plant and machinery in which a range of control sequences and operating modes are used.

The safe, complete solution

The evaluation device safely identifies and evaluates the selected operating mode Pilz supplies a series of evaluation devices that are suitable for use with PITmode:

- Configurable control system PNOZmulti and configurable safety relay PNOZmulti Mini
- Programmable control systems PSS
- Control systems from the automation system PSS 4000

Dimensions



Operating mode selector switch

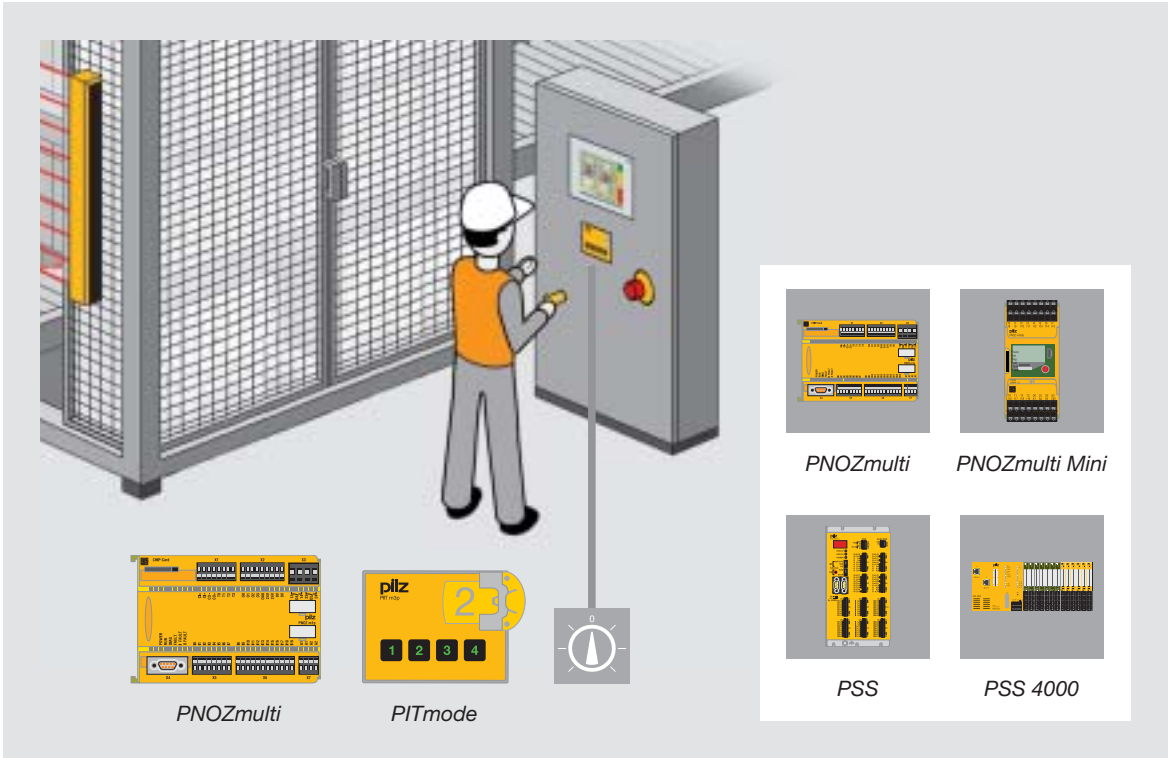


PIT m3p



PIT m3p key mode 2

Type	Technical features
PIT m3p	► Number of selectable operating modes: 5 ► Operating mode selected via operator keys ► The evaluation device safely identifies and evaluates the selected operating mode (non-contact with key via RFID technology) ► Evaluation with safe evaluation devices PNOZmulti, PSS and control systems from the automation system PSS 4000 ► Identification management, i.e. access and task authorisations can be assigned in the higher level standard control system



- Mode of operation: Transponder technology
- Supply voltage: 24 VDC -15 % ... 10 %
- Ambient temperature: 0 ... +55° C
- Protection type: IP54 (installed)
- Safety-related characteristic data:
 - Performance Level (PL) in accordance with EN ISO 13849-1: PL d
 - Safety Integrity Level (SIL) CL claim limit in accordance with EN/IEC 62061: SIL CL 2
 - Category in accordance with EN 954-1: Cat. 3
- Dimensions (H x W x D) in mm: 77 x 100 x 99

Order number

- PIT m3p evaluation device 402 210
- PIT m3p key mode 1 402 211
- PIT m3p key mode 2 402 212
- PIT m3p key mode 3 402 213
- PIT m3p key mode 4 402 214
- PIT m3p key service 402 215

Keep up-to-date
on operating mode
selector switches
PITmode:

 Webcode 6056

Online information
at www.pilz.com

▶ 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
Suite C1, 756 Blackburn Road
Clayton, Melbourne VIC 3168
Australia
Telephone: +61 3 95446300
Telefax: +61 3 95446311
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
Rua Ártico, 123 - Jd. do Mar
09726-300
São Bernardo do Campo - SP
Brazil
Telephone: +55 11 4126-7290
Telefax: +55 11 4126-7291
E-Mail: pilz@pilz.com.br
Internet: www.pilz.com.br

▶ CH

Pilz Industrie Elektronik GmbH
Gewerbepark Hintermättli
Postfach 6
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.
Safe Automation
Rm. 704-706
No. 457 Wu Lu Mu Qi (N) Road
Shanghai 200040
China
Telephone: +86 21 62494658
Telefax: +86 21 62491300
E-Mail: sales@pilz.com.cn
Internet: www.pilz.com.cn

▶ DE

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

▶ DK

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

▶ ES

Pilz Industrie Elektronik S.L.
Safe Automation
Camí Ral, 130
Polígono 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
Nuijamiestentie 7
00400 Helsinki
Finland
Telephone: +358 9 27093700
Telefax: +358 9 27093709
E-Mail: pilz.fi@pilz.dk
Internet: www.pilz.fi

▶ FR

Pilz France Electronic
1, rue Jacob Mayer
BP 12
67037 Strasbourg Cedex 2
France
Telephone: +33 3 88104000
Telefax: +33 3 88108000
E-Mail: siege@pilz-france.fr
Internet: www.pilz.fr

▶ GB

Pilz Automation Technology
Safe Automation
Willow House, Medicott Close
Oakley Hay Business Park
Corby
Northants NN18 9NF
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 4346535
Telefax: +353 21 4804994
E-Mail: sales@pilz.ie
Internet: www.pilz.ie

▶ IT

Pilz Italia Srl
Automazione sicura
Via Meda 2/A
22060 Novedrate (CO)
Italy
Telephone: +39 031 789511
Telefax: +39 031 789555
E-Mail: info@pilz.it
Internet: www.pilz.it

▶ JP

Pilz Japan Co., Ltd.
Safe Automation
Shin-Yokohama Fujika Building 5F
2-5-9 Shin-Yokohama
Kohoku-ku
Yokohama 222-0033
Japan
Telephone: +81 45 471-2281
Telefax: +81 45 471-2283
E-Mail: pilz@pilz.co.jp
Internet: www.pilz.jp

▶ KR

Pilz Korea Ltd.
Safe Automation
9F Jo-Yang Bld. 50-10
Chungmuro2-Ga Jung-Gu
100-861 Seoul
Republic of Korea
Telephone: +82 2 2263 9541
Telefax: +82 2 2263 9542
E-Mail: info@pilzkorea.co.kr
Internet: www.pilzkorea.co.kr

▶ MX

Pilz de México, S. de R.L. de C.V.
Automatización Segura
Circuito Pintores 170
Cd. Satélite
Naucalpan, Méx. 53100
Mexico
Telephone: +52 55 5572 1300
Telefax: +52 55 5572 1300
E-Mail: info@mx.pilz.com
Internet: www.pilz.com.mx

▶ NL

Pilz Nederland
Veilige automatisering
Postbus 186
4130 ED Vianen
Netherlands
Telephone: +31 347 320477
Telefax: +31 347 320485
E-Mail: info@pilz.nl
Internet: www.pilz.nl

▶ ...

In many countries we are represented by sales partners.

Please refer to our homepage for further details or contact our headquarters.

▶ NZ

Pilz New Zealand
Safe Automation
5 Nixon Road
Mangere
Auckland
New Zealand
Telephone: +64 9 6345350
Telefax: +64 9 6345352
E-Mail: t.catterson@pilz.co.nz
Internet: www.pilz.co.nz

▶ PL

Pilz Polska Sp. z o.o.
Safe Automation
ul. Marywilska 34H
03-231 Warszawa
Poland
Telephone: +48 22 8847100
Telefax: +48 22 8847109
E-Mail: info@pilz.pl
Internet: www.pilz.pl

▶ PT

Pilz Industrie Elektronik S.L.
R. Eng Duarte Pacheco, 120
4 Andar Sala 21
4470-174 Maia
Portugal
Telephone: +351 229407594
Telefax: +351 229407595
E-Mail: pilz@pilz.pt
Internet: www.pilz.pt

▶ RU

Pilz Russia
Mjachkovsky bulvar d.31/19 office 2
Moscow 109469
Russian Federation
Telephone: +7 495 346 4110
E-Mail: pilz@pilzrussia.ru
Internet: www.pilzrussia.ru

▶ SE

Pilz Skandinavien K/S
Safe Automation
Energigatan 10 B
43437 Kungälv
Sweden
Telephone: +46 300 13990
Telefax: +46 300 30740
E-Mail: pilz.se@pilz.dk
Internet: www.pilz.se

▶ TR

Pilz Emniyet Otomasyon
Ürünleri ve Hizmetleri Tic. Ltd. Şti.
Kayışdağı Cd. Beykonağı Plaza
No:130 K:2 D:2
Ataşehir/İstanbul
Turkey
Telephone: +90 216 5775550
Telefax: +90 216 5775549
E-Mail: info@pilz.com.tr
Internet: www.pilz.com.tr

▶ US ▶ CA

Pilz Automation Safety L.P.
7150 Commerce Boulevard
Canton
Michigan 48187
USA
Telephone: +1 734 354 0272
Telefax: +1 734 354 3355
E-Mail: info@pilzusa.com
Internet: www.pilz.us

▶ Technical support

+49 711 3409-444
support@pilz.com



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

pilz