

► Mechanical safety gate system PSENmech with guard locking – and the gate stays closed!

NEW

In addition to the standard safety switches PSENmech, we are now also offering mechanical safety gate systems PSENmech with guard locking. They provide an economical basic solution for safe monitoring of movable guards. The safety gate is safely locked until the hazardous machine movement stops. An unintended start-up of the hazardous movement is prevented. As a result the safety gate system PSENmech with guard locking is suitable for protecting personnel and processes and can be used in numerous industries and applications. It can be supplemented with an escape release or emergency unlocking device. Together with the configurable safe small controllers PNOZmulti 2, it serves as a cost-effective, complete, one-stop solution.



Your benefits at a glance

- Economical basic solution for safety gate monitoring with safe guard locking
- Suitable for accessible doors thanks to escape release and emergency unlocking device options
- Flexible and fast installation thanks to various actuators and an M12 connection
- Long product service life thanks to the head and the 3D actuator being made of metal
- Housing is insensitive to dirt and dust and is also waterproof
- Suitable for connection to decentralized modules such as PDP67 or PSS67 thanks to M12, 5-pin product variants
- Safe complete solution, e.g. with configurable safe small controllers PNOZmulti 2



Mechanical safety gate system PSENmech



PSEN me5S
NC-NC.NC-NC
1switch



PSEN me5 AS



PSEN me5 AA



PSEN me5 AR



PSEN me5 AF



PSEN me5
escape release



PSEN me5
emergency
release front

Technical features

- ▶ Position monitoring of movable guards in accordance with EN 60947-5-1
- ▶ Designed for applications to PL e of EN ISO 13849-1, SIL CL 3 of EN/IEC 62061 (two devices must be used for the maximum requirements)
- ▶ Holding force: 1 500 N, type of guard locking: magnetic force, spring force
- ▶ Extraction force: < 10 N
- ▶ Directions of actuation: 5
- ▶ Protection type: IP67
- ▶ Supply voltage: 24 VAC/DC, 110 – 230 VAC, with M12 connection only 24 VDC

Order number

Variants with standard connection (switch only)

- | | |
|---|----------|
| ▶ PSEN me5S NC-NC-NC.NC 1switch, spring force | 6L000010 |
| ▶ PSEN me5M NC-NC-NC.NC 1switch, magnetic | 6L000011 |
| ▶ PSEN me5S NC-NC-NC-NC 1switch, spring force | 6L000012 |
| ▶ PSEN me5M NC-NC-NC-NC 1switch, magnetic | 6L000013 |
| ▶ PSEN me5S NC-NC-NO.NC 1switch, spring force | 6L000014 |
| ▶ PSEN me5M NC-NC-NO.NC 1switch, magnetic | 6L000015 |
| ▶ PSEN me5S NC-NO.NC-NO 1switch, spring force | 6L000016 |
| ▶ PSEN me5M NC-NO.NC-NO 1switch, magnetic | 6L000017 |
| ▶ PSEN me5S NC-NC.NC-NC 1switch, spring force | 6L000018 |

Variants with M12, 8-pin connection (switch only)

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|--|----------|
| ▶ PSEN me5S NC.NC-NC M12/8 1switch, spring force | 6L000019 |
| ▶ PSEN me5M NC.NC-NC M12/8 1switch, magnetic | 6L000020 |

Variants with M12, 5-pin connection (switch only)

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|---|----------|
| ▶ PSEN me5M NC.NC n 1switch, magnetic | 6L000021 |
| ▶ PSEN me5S NC.NC n 1switch, spring force | 6L000022 |

Actuator

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|------------------------------------|----------|
| ▶ PSEN me5 AS, standard actuator | 6L000001 |
| ▶ PSEN me5 AA, transverse actuator | 6L000002 |
| ▶ PSEN me5 AR, radius actuator | 6L000003 |
| ▶ PSEN me5 AF, flexible actuator | 6L000004 |

Expansions

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|--|----------|
| ▶ PSEN me5 escape release, base set for escape release | 6L000005 |
| ▶ PSEN me5 20mm extension, expansion module length: 20 mm | 6L000006 |
| ▶ PSEN me5 40mm extension, expansion module length: 40 mm | 6L000007 |
| ▶ PSEN me5 emergency release front, front emergency unlocking device | 6L000008 |
| ▶ PSEN me5 emergency release back, rear emergency unlocking device | 6L000009 |

Webcode:
web216048

Online information
at www.pilz.us