

The new solenoid interlock
with high coding

AZM150

THE SLIM SOLENOID INTERLOCK

NEW



 **SCHMERSAL**
THE DNA OF SAFETY

AZM150

SLIMLINE DESIGN – HIGH CODING

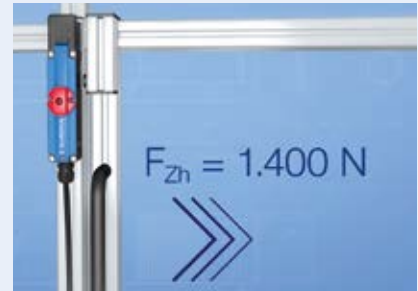


- Actuating head can be repositioned by 4 x 90°
- Holding force $F_{zh} = 1,400$ N
- Latching force 30 N
- Individually coded version with coding level "High" according to ISO 14119
- Power to unlock / Power to lock
- 4 switching contacts
- WxHxD: 40 x 204 x 48 mm
- Manual release, emergency exit or emergency release
- Protection class IP66, IP67
- Compatible with 40 mm profiles





Rotating actuator head
Actuator head can be rotated without loosening of screws



High holding force
Slimline design and high coding
 $F_{Zh} = 1,400 \text{ N}$

AZM150

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The new AZM150 electromechanical interlock boasts a slimline design and a clamping force of 1,400 N.

The AZM150 can be combined with a range of different actuators to suit different mounting situations, including a straight (B1) or angled actuator for sliding guards (B5) and a flexible actuator for small hinged guards (B6).

One major benefit of the interlock is the rotating actuator head which, instead of a bolted connection, can be locked in place simply by pressing the cover down. The 360 degree rotating actuator head with its two insert slits allows for a range of mounting and approach options for highly versatile use.

ACTUATORS AND ACCESSORIES

Solutions for a broad range of applications



Actuators for all mounting situations
B1 (straight), B5 (angled),
B6 (flexible)



Lockout tag SZ150-1
To prevent inadvertent closing,
e.g. during maintenance



Mounting plate MP-AZM150-1
For simple mounting of an AZM150
on profile systems

THE SCHMERSAL GROUP

PROTECTION FOR MAN AND MACHINE

In the demanding field of machine safety, the owner-managed Schmersal Group is one of the international market leaders. The company, which was founded in 1945, has a workforce of about 2000 people and seven manufacturing sites on three continents along with its own companies and sales partners in more than 60 countries.

Customers of the Schmersal Group include global players from the area of mechanical engineering and plant manufacturing as well as operators of machinery. They profit from the company's extensive expertise as a provider of systems and solutions for machine safety. Furthermore, Schmersal specialises in various areas including food & beverage, packaging, machine tools, lift switchgear, heavy industry and automotive.

A major contribution to the systems and solutions offered by the Schmersal Group is made by tec.nicum with its comprehensive range of services: certified Functional Safety Engineers advise machinery manufacturers and machinery operators in all aspects relating to machinery and occupational safety – and do so with product and manufacturer neutrality. Furthermore, they design and realise complex solutions for safety around the world in close collaboration with the clients.



SAFETY PRODUCTS

- Safety switches and sensors, solenoid interlocks
- Safety controllers and safety relay modules, safety bus systems
- Optoelectronic and tactile safety devices
- Automation technology: position switches, proximity switches

SAFETY SYSTEMS

- Complete solutions for safeguarding hazard areas
- Individual parametrisation and programming of safety controllers
- Tailor-made safety technology – be it for individual machines or a complex production line
- Industry-specific safety solutions

SAFETY SERVICES

- tec.nicum academy – Seminars and training
- tec.nicum consulting – Consultancy services
- tec.nicum engineering – Design and technical planning
- tec.nicum integration – Execution and installation



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The details and data referred to have been carefully checked.
Subject to technical amendments and errors.

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