**Press release**

**A cost-effective all-rounder**

**New accessories make the AZM150 solenoid interlock even more versatile**

**Wuppertal, Germany – 9 April, 2025.** The slim-line solenoid interlock AZM150 from Schmersal now offers an even wider range of applications thanks to new accessories and, as a complete system, it is also a very cost-effective safety solution.

One new accessory is the rear-mounted push button, which can be used for emergency release or emergency unlocking. Emergency release makes it possible to leave the area of danger from the inside if a guard door has been closed inadvertently. Emergency unlocking enables the guard door to be opened from the outside. The push button is available in two different versions: the 45 mm version for use with door pillar thicknesses of 40 mm, for example, where the MP-AZM150-1 mounting plate can be used for mounting, and the 170 mm version for use with door pillar thicknesses up to 170 mm.

Another new accessory for the AZM150 is the Bowden cable release with an overall length of 6 metres, which enables remote unlocking in an inaccessible interlock installation situation. This provides a safeguard in particular hazardous situations. Should an operator inadvertently become locked inside a system, a Bowden cable can be used as an emergency release. When working outside the danger zone, the Bowden cable serves as an emergency release.

**Rotating actuator head adds to versatility**

An advantage of the AZM150 interlock is the rotating actuator head, which is locked by simply putting the cover in place instead of a screw connection. The 360°-rotating actuator head, with its two actuator entrances, enables different mounting positions and approach options. This feature also decisively contributes to the versatility of the AZM150, which boasts a holding force (FZh) of 1,500 N.

**Electromechanical switch with high coding**

The AZM150 is an electromechanical solenoid interlock with a "high" coding level and therefore offers excellent protection against tampering. The advantage for the user: with high coding, fewer additional measures against tampering are required in accordance with ISO 14119, such as mounting out of reach or in a concealed position.

**Cost-effective all-in-one system for smaller machines**

With the new accessories, the series is now a complete system that covers a wide range of applications up to PL d / Cat3 and is also a very cost-effective solution. In line with the motto ‘less is often more’, the AZM150 series is ideal for smaller machines and systems or for cost-sensitive applications where a low performance level is required. At the same time, the compact electromechanical solenoid interlock precisely fulfils the required safety level - at a moderate price.

**Printable photo for download:**

<https://www.schmersal.com/fileadmin/content/deutschland/pics/Presse/Press_releases/2025/PHO_PRO_PRE_azm150-bow-f04_SALL_AINMAX_V1.jpg>

**Image caption:**

The AZM150 solenoid interlock with its new accessories: a Bowden cable for remote unlocking and a push button for emergency release or emergency unlocking

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In the demanding field of machine safety, the Schmersal Group are at the forefront of expertise and a leader in the international market. With the world’s most comprehensive range of safety switchgear products, the Schmersal Group develop safety systems and solutions for special requirements in a variety of user industries. Schmersal’s tec.nicum business division offer a comprehensive service portfolio which complements the range of solutions offered by the company.

Founded in 1945, the company are represented by eight manufacturing sites on three continents and their own businesses and sales partners in more than 60 countries. The Schmersal Group employ round 2,000 people worldwide.

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