

Götzis, Austria, September 2025

## **Lateral Magnet Installation: Exclusive to SOLA Levels**

### **Innovative Lateral Magnet Method Proven in Practice**

SOLA has developed an innovative lateral magnet installation, in which the magnets are integrated into the aluminum profile from the side—an exclusive feature found only in SOLA levels. This design keeps the measuring surface continuously flat, precise, and easy to clean while providing maximum magnetic holding power. For users, this translates into clear advantages in precision, safety, and cleanliness—especially in tasks where free hands and secure positioning are essential.

#### **Flat and Clean Measuring Surface**

In conventional magnetic levels, magnets are embedded directly in the measuring surface, creating recesses where dirt and metal shavings can accumulate and are difficult to remove. With lateral magnet installation, SOLA levels maintain a fully flat surface. This makes cleaning easier, protects delicate painted surfaces from scratches, and ensures highly precise measurements. At the same time, the smooth surface reduces the risk of injury from metal shavings that might otherwise adhere to the magnet recesses.

#### **Outstanding Magnetic Holding Power**

The laterally installed neodymium magnets are among the strongest rare-earth magnets and provide exceptional holding power, whether the level is used horizontally or vertically. Even on pipes, rounded, or painted steel surfaces, the level remains securely in place without slipping. This strong magnetic grip makes tasks easier where free hands are required, such as precisely aligning metal posts and beams or installing wall and ceiling profiles in drywall construction.

#### **Reliable Stability Under All Conditions**

Even when exposed to heat, vibration, or shocks, the laterally installed magnets remain firmly embedded in the profile. They cannot loosen or be pulled out, ensuring that the levels always stay stable and ready for use.

#### **Lateral Magnet Installation Across SOLA Levels**

Since 2020, all magnetic SOLA aluminum-profile levels have been manufactured with lateral magnet installation. This includes the red-coated REDM and BIG REDM models, as well as the digital RED DIGITAL version. Classic models such as the gold-anodized AZM, the MRMI INSTALLATION for plumbing work, and the incline level NAM also feature lateral magnet installation as a standard.

[www.sola.at](http://www.sola.at)

Number of characters: 2,318 (including spaces); number of words: 342

## Image Overview

The following images in print resolution form are available to download for publications:

[https://www.sola.at/press-release/en/sola\\_press\\_documentation\\_magnetic\\_levels\\_en\\_092025.zip](https://www.sola.at/press-release/en/sola_press_documentation_magnetic_levels_en_092025.zip)



**File:** pic\_app\_ww\_azm3\_redm\_collage

**Caption:** All magnetic SOLA aluminum-profile levels, including REDM, BIG REDM, RED DIGITAL, AZM, MRMI, and NAM, consistently feature lateral magnet installation

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**File:** pic\_prd\_ww\_redm3\_80\_det\_magnet1

**Caption:** Lateral magnet installation – exclusive to SOLA levels.

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**File:** pic\_app\_ww\_azm3\_006

**Caption:** Lateral magnet installation eliminates recesses in the measuring surface.

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**File:** pic\_app\_ww\_redm3\_80\_004

**Caption:** Neodymium magnets provide secure hold even on pipes and painted surfaces – allowing hands-free, slip-free work.

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**File:** pic\_app\_ww\_azm3\_001

**Caption:** The powerful neodymium magnets remain securely in the profile even under vibration or shocks.

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**File:** pic\_app\_ww\_redm3\_002

**Caption:** Even at high temperatures, the magnets remain firmly at place.

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### About SOLA-Messwerkzeuge GmbH & Co KG:

Since 1949, passion for precision motivates SOLA to develop and manufacture highly accurate and durable measuring and marking tools in construction. In addition to the well-known spirit levels, the product range includes screeding levels, folding rules, tape measures, squares and rulers, measuring wheels, laser distance meters and laser devices. SOLA's approach is to develop and continuously optimize its products to match its customers' requirements as closely as possible. SOLA Measuring Tools are sold in more than 80 countries around the world. 65% of all products are manufactured in Götzis, Austria, where the headquarters and production facility are located. This is where 200 employees develop, manufacture and distribute a product range of more than 1,500 products. The high-quality standards that SOLA has set for itself are subjected to constant control in the company's own laboratories. For more information visit [www.sola.at](http://www.sola.at)

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