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## ORDER CONFIRMATION

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Not Rated Yet



Sales price 122,95 €

Salesprice with discount

Incl. VAT 21%: 21,34 €

*On Order*



### Description

#### Suunto MC-2 G 6400/360 Military Compass

**Suunto MC-2 G 6400/360 Military Compass** is a professional field navigation tool built for demanding military, rescue and expedition use. It combines a transparent rectangular baseplate with a rotating protractor capsule, **adjustable declination correction**, and a **hinged mirror lid** for accurate sighting. The compass is **non-radioactive**, **magnetic**, unmounted and designed to remain reliable in extreme weather conditions.

This version includes a **MILS (0-6400)** primary scale for MGRS-style work and a **0-360°** secondary scale, plus a **global balancing needle** that functions across all magnetic zones worldwide. A built-in **clinometer** and extensive **luminescent markings** support advanced field use, including slope measurement and night navigation.

### Key Features

- **Suunto item:** SS050629000
- **NSN code:** 6605-17-110-8584
- **Primary scale:** **MILS 0-6400'** (50' resolution)
- **Secondary scale:** **0-360°** (2° resolution)
- **Mirror sighting** with luminous V-sights and center line
- **Global needle** for all magnetic zones



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- **Adjustable declination** ( $\pm 90^\circ$ ) using tool on lanyard
- **Clinometer** for slope/inclination measurement
- Liquid-damped, non-freezing, bubble-free capsule
- Impact- and scratch-resistant transparent baseplate (PMMA)
- Full luminescent features for night navigation

## Physical Specifications

Product dimensions	65 × 101 × 18 mm
Net weight	74 g
Package dimensions	180 × 120 × 25 mm
Operational temperature range	-30 °C to +60 °C
Storage temperature range	-30 °C to +60 °C
Waterproofness	Waterproof to all practical depths (cavities fill with water and drain)

## Baseplate, Rulers & Optics

- **Baseplate:** rectangular, transparent, impact- and scratch-resistant PMMA
- **Magnifying lens:** Yes, 5×
- **Rulers:** cm and inch
- **UTM roamers:** metric partial 1:25 000 and metric 1:50 000
- **Slope rulers:** on the sides of the mirror lid

## Protractor & Needle Specifications

- **Protractor diameter:** 59 mm
- **Primary direction scale:** MILS 0-6400' clockwise (50' resolution; numbered every 200')
- **Secondary direction scale:** Degrees 0-360° clockwise (2° resolution; numbered every 30°)
- **Cardinal markings:** N, E, S, W
- **Needle:** red north / black south, luminescent north area, markings on both sides
- **Needle length:** 36 mm
- **Magnet:** NdFeB ring-shaped magnet in hub
- **Capsule:** hermetically sealed PMMA, diameter 44 mm
- **Damping:** non-freezing transparent liquid, bubble-free within operating range at sea level
- **Orienting arrow:** red/black under rotating capsule

## Declination Correction

The angle between the orienting arrow and orienting lines can be adjusted to compensate for declination. Adjustment is done by turning the sprocket



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with the flat screwdriver tool on the lanyard. The correction scale is in degrees (2° resolution), numbered every 20°, extending **90° E (+)** and **90° W (-)**.

### Clinometer

- **Feature:** black weighted needle for inclination measurement when compass is held vertically
- **Scale:** degrees 0 to ±90° with 2° resolution

### Sighting Tools & Mirror Lid

- Mirror inside black protective lid with center line
- Mirror can be tilted to any angle above the compass
- Lid protects the protractor assembly when closed
- V-sight on top and V-sight hole at base, aligned with center line and luminous
- Lid aligns with baseplate edges for a long straight-line tool on maps
- Catch locks the lid closed for transport

### Luminescent Features

- **Luminescent material:** SrAl<sub>2</sub>O<sub>4</sub>
- **Needle:** luminescent north area + narrow line at south end
- **Orienting arrow:** two dots near the north end
- **Protractor:** luminescent material under printed scale
- **Protractor index:** luminescent forward bearing index + back-bearing index line
- **Direction of travel:** luminescent material under printed marking

### Attachment

- 1 m black IR non-reflective lanyard
- Wrist lock
- Declination adjustment tool on lanyard
- Quick release

### User Guide

- **Paper with product:** Yes
- **Online:** Yes (via Suunto support)

### FAQ

**What is the difference between 6400 mil and 360°?** 360 units, while the military mil scale uses 6400 units, allowing finer angular measurements for



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tactical navigation and target/bearing work.

**Is this compass suitable for worldwide use?** Yes all magnetic zones and is designed to function at all Earth magnetic field locations.

**How do I adjust declination on the MC-2s?** New driver tool attached to the lanyard. The correction scale is in degrees with 2° resolution and supports ±90° east/west adjustment.

**What is the clinometer used for?** slope/inclination (0 to ±90°). It is useful for terrain evaluation, route planning, and estimating gradients in the field.

**Is the compass water proof?** All practical depths. Any cavities may fill with water and then drain after exposure.

## Glossary

- **MGRS:** Military Grid Reference System used with map grids for precise navigation
- **MILS (mil-radians):** Angular unit commonly used in military applications; 6400 mil equals a full circle
- **Declination:** Difference between magnetic north and true north, adjusted for accurate map navigation
- **Clinometer:** Instrument function for measuring slope/inclination angles
- **Global needle:** Compass needle balancing method designed to work in all magnetic zones worldwide

## Manufacturer / GPSR Information

### Suunto

Tammiston kauppatie 7 A  
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Finland

Customer support: [Suunto.Support](http://Suunto.Support)

Specifications may change without notice as part of continuous product development.