

Take profit / Stop loss - Distances and Validation

Overview

Take Profit (**TP**) and Stop Loss (**SL**) can be set when:

- opening a **new order**
- **modifying** an existing order

When TP or SL is enabled, the platform:

1. **Automatically fills default values**
2. **Validates minimum distance** from the reference price
3. **Clears the value** if the option is disabled

The rules depend on the **symbol group**.

Symbol group	Distance type
Crypto	Percentage
Other instruments (Forex, indices, commodities, etc.)	Pips / points

Symbol Groups

The system determines the rule set based on the **symbol group**.

Group	Behavior
Crypto	Percentage-based TP/SL
Other groups	Pip / point-based TP/SL

Default TP / SL Values

When a user enables **Take Profit** or **Stop Loss**, the system automatically inserts a default value.

Asset class	Side	Default Take Profit	Default Stop Loss
Crypto	BUY	Ask + 1%	Ask – 1%
Crypto	SELL	Bid – 1%	Bid + 1%
Other instruments	BUY	Ask + 100 pips	Ask – 100 pips
Other instruments	SELL	Bid – 100 pips	Bid + 100 pips

Important

- Defaults are intentionally **larger than the minimum allowed distance**.
- This ensures automatically generated TP/SL values are **always valid**.

Minimum Distance

TP and SL must be placed at least a **minimum distance** away from the reference price.

Asset class	Minimum distance
Crypto	0.1% of reference price
Other instruments	1 pip

The system prevents users from placing TP or SL inside this restricted zone.

Validation Rules

BUY Orders

Rule

Take Profit must be **above** the reference price

Stop Loss must be **below** the reference price

Additionally:

- TP must be at least **minimum distance above**
- SL must be at least **minimum distance below**

SELL Orders

Rule
Take Profit must be below the reference price
Stop Loss must be above the reference price

Additionally:

- TP must be at least **minimum distance below**
- SL must be at least **minimum distance above**

Reference Price

The **reference price** used for TP/SL calculation depends on context.

Context	Order type	Reference price
New order	MARKET	Current Ask for BUY, Bid for SELL
New order	LIMIT	Limit price entered in the form
Modify order	MARKET	Order execution price
Modify order	LIMIT	Updated limit price (if edited), otherwise existing order price

Example Calculations

Crypto Example

Reference price:

BTC = 50,000

Value	Result
Default TP	50,500
Default SL	49,500
Minimum distance	50

EUR/USD Example

Reference price:

Ask = 1.0850

Value	Result
Default TP	1.0950
Default SL	1.0750
Minimum distance	0.0001

USD/JPY Example

Reference price:

Ask = 150.25

Value	Result
Default TP	151.25
Default SL	149.25
Minimum distance	0.01

Where These Rules Apply

Order Form (New Orders)

When creating a new order:

- Default TP/SL values are inserted when enabled
 - Validation ensures minimum distance rules are respected
 - TP/SL values are cleared when disabled
-

Modify Order

When editing an existing order:

- Default TP/SL values follow the same rules
 - Reference price is based on the order price
 - Validation rules remain identical
-

Key Principles

The system follows three main principles:

1. **Automatic defaults**
When TP/SL is enabled, reasonable default levels are provided.
 2. **Minimum distance protection**
TP/SL cannot be placed too close to the reference price.
 3. **Consistency across workflows**
The same rules apply when creating and modifying orders.
-

Summary

Feature	Crypto	Other Instruments
Default TP	±1%	±100 pips
Default SL	∓1%	∓100 pips
Minimum distance	0.1%	1 pip
Reference price	Ask / Bid	Ask / Bid

Defaults are intentionally **larger than the minimum allowed distance**, ensuring automatically generated TP/SL values always pass validation.

Revision #1

Created 11 March 2026 06:40:25 by Volodymyr Tsyoha

Updated 11 March 2026 06:50:00 by Volodymyr Tsyoha