



Variant Overview
MarCator

01.04.2025

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1 Revision History

[illegible]

2 Introduction

This document illustrates the differences between the MarCator variants.

Only the front is shown, as the back is the same for all variants.

1086/1087 (W) (Z) (B) R (i) (-HR)

Option (-HR)	High Resolution
without -HR	Resolution 0.5 µm or 10 µm
with -HR	Resolution 0,1 µm

Option (i)	Wireless Interface
without i	No wireless interface
with i	With wireless interface

Option (B)	Dynamic Function
without B	inaktiv
with B	aktiv

Option (Z)	Diameter of Clamping Shaft
without Z	Ø 8mm
with Z	Ø 3/8"

Option (W)	IP Protection Class
without W	IP 42
with W	IP 64

1086/1087	Display Type
1086	Without analog scale
1087	With analog scale

3 1086 Types

3.1 Messurement range 12.5 mm



Clamping shaft

HVIN	PMN	Clamping shaft diameter
4337710	1086 Ri	8 mm
4337720	1086 Ri	8 mm
4337910	1086 ZRi	3/8 inch
4337760	1086 Ri-HR	8 mm
4337770	1086 Ri-HR	8 mm
4337790	1086 Ri	8 mm

3.2 Measurement range 25 mm



Clamping shaft

HVIN	PMN	Clamping shaft diameter
4337711	1086 Ri	8 mm
4337721	1086 Ri	8 mm
4337731	1086 Ri	8 mm
4337911	1086 ZRi	3/8 inch
4337771	1086 Ri-HR	8 mm
4337791	1086 Ri	8 mm

3.3 Messurement range 50 mm



HVIN	PMN
4337722	1086 Ri

3.4 Messurement range 100 mm



HVIN	PMN
4337723	1086 Ri

3.5 Messurement range 12.5 mm and 25 mm with protection class IP 64



Shown is 4337750

HVIN	PMN	Messurement range
4337750	1086 WRi	12.5 mm
4337751	1086 WRi	25 mm

4 1087 Types

4.1 Messurement range 6.35 mm



Clamping shaft

HVIN	PMN	Clamping shaft diameter
4337819	μMaxμm 1087 Ri	8 mm
4337969	μMaxμm 1087 ZRi	3/8 inch

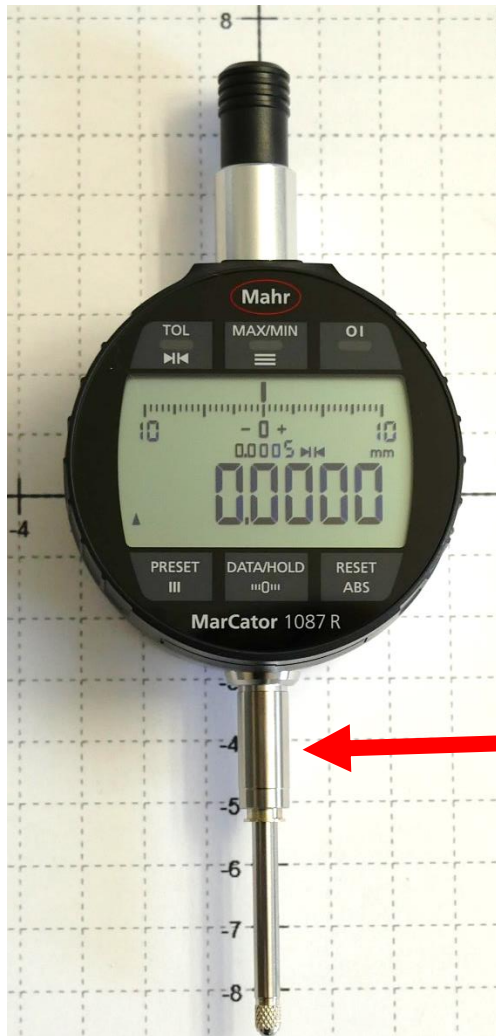
4.2 Messurement range 12.5 mm



Clamping shaft

HVIN	PMN	Clamping shaft diameter
4337810	1087 Ri	8 mm
4337820	1087 Ri	8 mm
4337970	1087 ZRi	3/8 inch
4337840	1087 Ri-HR	8 mm
4337850	1087 Ri-HR	8 mm

4.3 Messurement range 25 mm



Clamping shaft

HVIN	PMN	Clamping shaft diameter
4337811	1087 Ri	8 mm
4337821	1087 Ri	8 mm
4337971	1087 ZRi	3/8 inch
4337851	1087 Ri-HR	8 mm

4.4 Messurement range 50 mm



HVIN	PMN
4337822	1087 Ri

4.5 Messurement range 12.5 mm with protection class IP 64



HVIN	PMN
4337830	1087 WRi

4.6 BRi-Type



HVIN	PMN
4337870	1087 BRi