

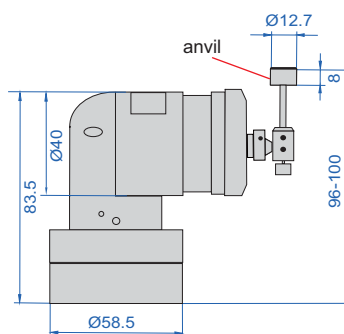
ZERO SETTER WITH INFRARED TRANSMISSION (FIVE-SIDE)

IP68
WATERPROOF

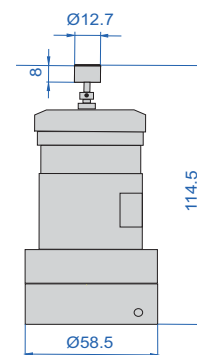
Unit: mm



9415-1



9415-1



9415-2

Unit: mm

- Suitable for all kinds of small and medium-sized machining centers, CNC boring, milling machines and five-axis CNC machine tools, etc.
- Automatically set the tool length parameters before CNC machining process
- Automatic detection of tool wear or damage during CNC machining
- Automatic detection of tool wear or damage after CNC machining is completed
- The working surface of anvil is ceramic and has chamfer, which can greatly improve the service life
- Infrared transmission, fast response, high reliability
- The battery (5% utilization rate per shift) can be used continuously for 90 days
- Supplied with automatic zero setter software package
- Can be used in combination with infrared transmission probes for CNC machine tools (9414-1, 9414-2, 9414-3, 9414-4, 9414-5)
- Optional accessory: square anvil (code 9412-B1)



9414-A

ZERO SETTER SPECIFICATION

Code	9415-1	9415-2
Height (factory setting)	96-100mm	114.5mm
Diameter of zero setter	Ø12.7mm	
Trigger direction	±X, ±Y, +Z	
Trigger protection stroke	X-Y ±5mm, Z 8mm	
Trigger force of zero setter all directions	X and Y axis: 0.5-1N, Z axis: 1.5N	X and Y axis: 0.5-1N, Z axis: 5N
Repeated trigger accuracy	≤1µm	
Start/stop mode	M code control *	
Hardness of the zero setter	HM8.5	
Dust/waterproof	IP68	
Power supply	2xLS14250 lithium battery	

*Before purchasing, please confirm whether CNC still has enough M code to be used

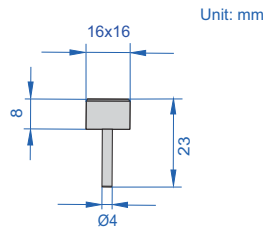
RECEIVER SPECIFICATION

Code	9414-A
Protection function	low battery voltage, overstroke and signal interrupt protection **
Applicable	zero setter code 9415-1, 9415-2; probe code 9414-1, 9414-2, 9414-3, 9414-4, 9414-5
Infrared transmission/reception range	3m
Cable length	8m
Dust/waterproof	IP68
Power supply	input voltage: 24V±10% (DC), load current (max): 50mA

**When battery voltage is low or zero setter is in wrong state, receiver sends a signal to CNC machine to stop working

SQUARE ANVIL (OPTIONAL)

Code	Shape	Dimension	Material
9412-B1	square	16×16mm	ceramic



application



AUTOMATIC ZERO SETTER SOFTWARE (INCLUDED)

1. Automatic calibration of the center position of the anvil
2. Standard knife length setting
3. Semi-automatic and fully automatic tool setting for tool length



4. Semi-automatic and fully automatic tool diameter settings



5. Automatic detection of tool wear and breakage settings

