

MDU-A

Digital Indicator

The MDU-A125 digital indicator offers a high-resolution measurement system with 0.001 mm, a 12.5 mm (0.5") measuring range, and selectable metric or imperial units.

The resolution can also be switched between 0.001 mm and 0.01 mm depending on application requirements. All indicators include preset functionality and are supplied with a printed test certificate for verification and traceability.

The MDU series supports both cable-based and wireless data transmission when used with the DIAWIRELESS industrial radio system, enabling seamless integration into digital measurement workflows and allowing valuable measurement data to be captured, stored and utilised efficiently.

The MDU-A variant provides additional features, including colour-coded tolerance display, measuring forces of 0.7 N or 1.3 N depending on configuration, and a proximity interface for DIAWIRELESS connectivity or cable output, offering enhanced usability for process-controlled or automated measurement setups.



Order No.	Repeatability	Range	Resolution	Pressure	External Ø	Clamping shank
MDU-A125-0.7N	0.002 mm	12.5 mm	0.001 mm	0.7 N	60 mm	Ø8 mm / 0.315 inch
MDU-A125-1.3N	0.002 mm	12.5 mm	0.001 mm	1.3 N	60 mm	Ø8 mm / 0.315 inch

MDU-S

Digital Indicator

The MDU-S digital indicator is a compact, high-precision measuring unit featuring a slim 44 mm external diameter, making it ideal for applications where space is limited or integration into fixtures is required.

It offers a measuring range of 12.5 mm with a resolution of 0.001 mm and delivers a repeatability of 0.002 mm, ensuring reliable and consistent measurement results. The measuring pressure is maintained between 0.5 and 0.9 N, providing stable contact without influencing the workpiece.

The MDU-S supports both cable-based and wireless data transmission through its power interface, enabling seamless connection to the DIAWIRELESS system for efficient digital measurement workflows. This allows measurement data to be captured, transferred, and utilised within industrial networks with ease.

All MDU-S indicators are supplied with a printed test certificate, ensuring full traceability and verification of performance.



Order No.	Repeatability	Range	Resolution	Pressure	External Ø	Clamping shank
MDU-S125	0.002 mm	12.5 mm	0.001 mm	0.5 - 0.9 N	44 mm	Ø8 mm / 0.315 inch



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