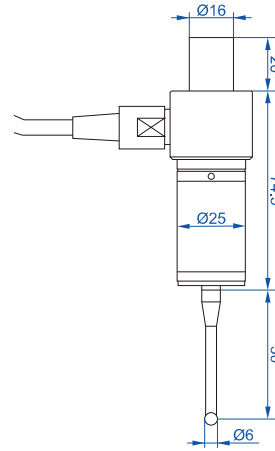


MACHINE TOOL PROBES WITH CABLE

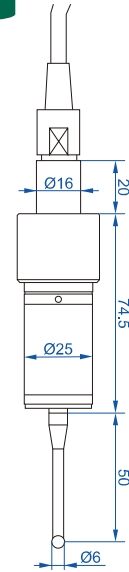
IP68
WATERPROOF

CUSTOMIZED FOR MACHINE TOOLS

unit: mm



9429-1A



9429-1B

- On-machine measurement of all kinds of CNC grinding machines, CNC lathes and specialized measuring devices
- Automatically set the workpiece coordinate and machining reference point before CNC machining process
- Automatically measure dimension and position coordinate during CNC machining
- Measure dimension, shape and position after CNC machining is completed
- The reverse connection of the power line can change the state of the signal output
- The styli interface is protected by a double-layer rubber seal

SPECIFICATION

Code	9429-1A	9429-1B
Tool holder diameter	16mm	16mm
Cable outlet type	radial cable outlet	axial cable outlet
Trigger direction	±X, ±Y, Z	
Directional trigger protection stroke	X-Y: ±12°, Z: +5mm	
Arbitrary one-way repeated trigger accuracy	≤1µm	
Trigger force in X-Y direction (with standard styli)	1-1.5N	
Trigger force in Z direction	10N	
Dust/water proof	IP68	
Input voltage	24V±10% (DC)	
Load current	50mA	

SPECIFICATION OF STYLI (INCLUDED)

unit: mm

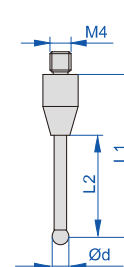
Code	L1	L2	Ød	Material of rod	Material of ball
9410-P10	50	36	6	ceramic	ruby

SPECIFICATION OF STYLI (OPTIONAL)

unit: mm

Code	L1	L2	Ød	Material of rod	Material of ball
9410-P1	18	13	4	stainless steel	ruby
9410-P2	18	13.5	5	stainless steel	ruby
9410-P3	18.5	13	3	stainless steel	ruby
9410-P4	19	8	2	carbide	ruby
9410-P5	19.5	4	1	carbide	ruby
9410-P6	50	40	2	carbide	ruby
9410-P7	50	34	5	ceramic	ruby
9410-P8	100	86	6	ceramic	ruby
9410-P9	40	30	4	ceramic	ruby

application



unit: mm