

General specifications





REPEATABILITY	$2\sigma \leq 0.2 \mu\text{m}$ <i>with the laser focused</i>	
MINIMUM Ø MEASURABLE	$\geq 0.03 \text{ mm}$	
PROTECTION RATING <i>(Standard IEC 60529)</i>	IP67	
OPTICAL PROTECTION	1. 2.	Mechanical shutter Air blower system

Pneumatic specifications


CLEANING AIR	Pressure	0.5 - 3.5 bar <i>(<1.5 bar with respect to the shutter)</i>
	Filtering	0.01 μm^*
	Consumption at 3 bar	min 9 l/min (closed)
max 95 l/min (open)		
SHUTTER / TOOL CLEANER	Pressure	3-6 bar
	Filtering	5 μm^*

(*) = inlet air quality (40 μm) complies with ISO 8573-1 / 7.4.4

Electrical specifications

POWER SUPPLY	12 ÷ 24 VDC \pm 20%	
CURRENT	250 mA max	
INPUTS*	Power supply	5/24 VDC
	Type	Opto-isolators
	Signals	Enable laser 
		Dynamic polarity
		Enable Dyn. output / Mem. 
		Bit0 dynamic output duration
		Bit1 dynamic output duration
Trigger selection		
OUTPUTS*	Type	SSR 50 V, 100 mA max
	Signals	5-10-20-100 ms pulse dynamic 
		Static
		Laser OK 

* = I/O can be configured via software in order to set-up special functions

 = These I/O are required for a full installation of the Mida Laser systems