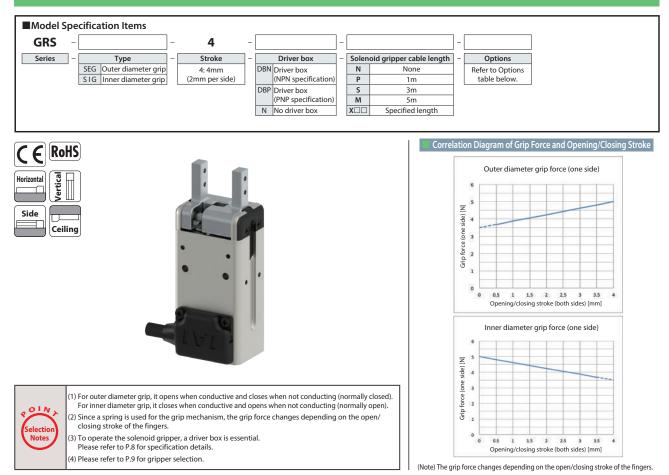
GRS Solenoid Gripper

GRS-SEG/SIG



Actuator Specifications					Stroke and Operation Time	
Model	Grip direction	Max grip force (N)	Stroke (mm)		Stroke (mm)	Operating time [Open/close] (s)
GRS-SEG-4-①-②-③	Outer diameter	10 (5 per side)	4 (2 per side)	1	4	0.03 or less
GRS-SIG-4-1)-2-3	Inner diameter					

Legend ① Driver box ② Cable length ③ Option

Solenoid gripper cable length				
Туре	Solenoid gripper cable code			
	P (1m)			
Standard type	S (3m)			
	M (5m)			
Considered longth	X06 (6m) ~ X10 (10m)			
Specified length	X11(11m) ~ X15(15m)			

* Robot cable specification option is not available.

Option code	Reference page
AC2	
AC5	
CJT	
S1N	
S2N	See P.7
S1P	
S2P	
RCH	
	AC2 AC5 CJT S1N S2N S1P S2P

RSL

(*1) Driver box: for DBN, only S1N and S2N can be selected. Driver box: for DBP, only S1P and S2P can be selected.

Rubber cover attached (silicone rubber)

Actuator Specifications

Item	Description	
Max grip force	10N, one side 5N	
Operating time	0.03s or less	
Operation frequency	120CPM	
Mass	0.16kg	

CPM: Cycle per minute

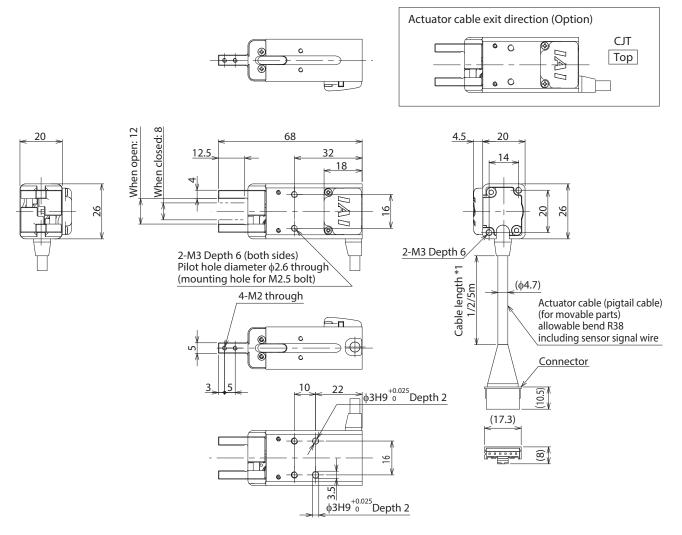
Item	Description			
Drive system	Grip mechanism (chuck): Compression spring + cam mechanism			
Drive system	Release mechanism (unchuck): Solenoid electromagnetism + cam mechanism			
Repeatability	±0.1mm			
Backlash	One side 0.5mm or less			
Finger guide	Slide guide			
Ambient operating temp. & humidity	0 to 40°C, 85% RH or less (Non-condensing)			
Degree of protection	IP20			
Vibration resistance / shock resistance	4.9m/s ² 100Hz or less			
Compliant international standards	CE marking, RoHS Directive			
Delivery date	Indicated in "Check Delivery Date" on the website			

Dimensions

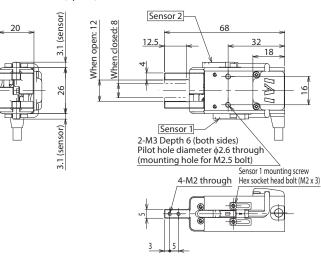
CAD drawings can be downloaded from our website. www.intelligentactuator.com

I from our website. 2D 3D CAD CAD CAD

*1 The actuator cable (pigtail cable) is a robot cable. The actuator cable (pigtail cable) standard length is 1m. Can be changed to 2m or 5m as an option (model: AC2/AC5).



Sensor attached (option)



Rubber cover attached (option)

