Flexible Smart Gripper™ FSG-2, FSG-4, FSG-2e, and FSG-4e

Advantages:

- o Part Confirmation
 o Force Control
 Compatible with collaborative robots





SPECIFICATIONS

Model	Number of Fingers	Rated Payload	Gripper Weight	Maximum Finger Opening at the Tip	Open/Close Speed	Maximum Current (Idle)	Maximum Current (Load)	Maximum Current (Instantaneous)
		kg (lb)	kg (lb)	mm(in)	mm/s (in/s)			
FSG-2	2	1.5 (3.3)	0.8 (1.8)	175 (6.9)	1450 (57)	0.03	2	3
FSG-4	4	1.5 (3.3)	1.3 (2.9)	195 (7.7)	1450 (57)	0.08	3	5
FSG-2e	2	1.5 (3.3)	0.8 (1.8)	175 (6.9)	1450 (57)	0.03	2	3
FSG-4e	4	1.5 (3.3)	1.3 (2.9)	195 (7.7)	1450 (57)	0.08	3	5

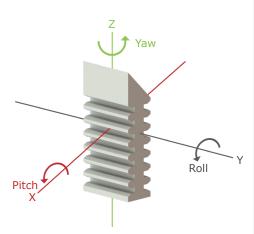
Rated Voltage: 15 VDC - 25 VDC

Operating Temperature: 5 - 60 °C (40 - 140 °F)
Noise Emissions (Sound Pressure): ≤ 70 dB(A) in any direction

PATENTED FLEXIBLE FINGER



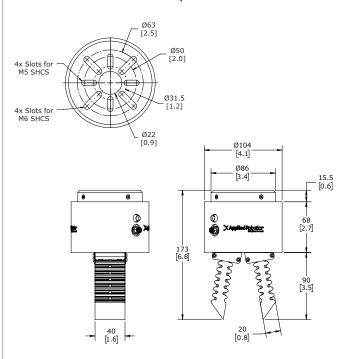
The Flexible Smart Gripper™ (FSG) allows for the picking and placing of a multitude of shapes and sizes due to its patented, FDA compliant silicone fingers, actuated by a fully electric system. The ability to rotate in the Roll degree of freedom, while keeping rigid in the Pitch and the Yaw degrees of freedom, allows for dependable, soft, and flexible gripping of delicate objects.





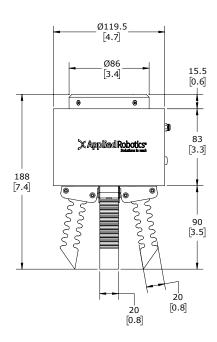
PRODUCT INFORMATION

FSG-2 / FSG-2e



- * Dimensions are in millimeters (inches).
- ** Interface Plate has bolt circle patterns according to ISO 9409-1 specification: 31.5mm, 40mm, 50mm, and 63mm.

FSG-4 / FSG-4e



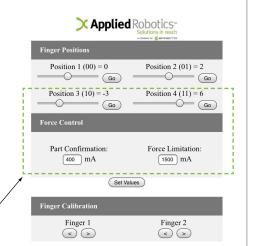
ENHANCED INTELLIGENCE VERSION



The Enhanced Intelligence version of the FSG provides additional finger positions for grip precision and efficiency, as well as force control, allowing the user to reliably handle delicate objects.

The FSG can be easily programmed through a simple user interface that can be accessed with any Wi-Fi enabled device.

FSG-e Specific





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