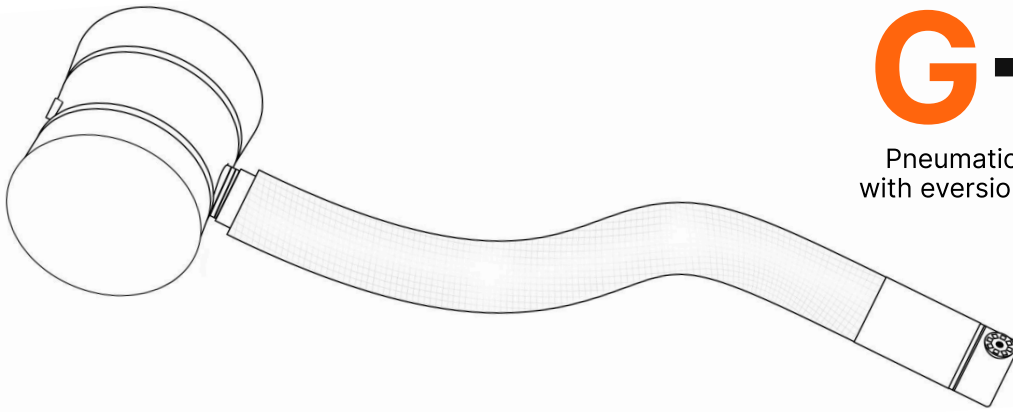


HEROBOTS G-BOT

Pneumatic robots made of a soft body with eversion and retraction capabilities.



Information

All data present are inherent to the G-bot diameter, which can range from 20-400mm

Specification

Payload	1 kg
Reach	0-5 m

Physical

Total Length	0-5 m
Diameter	Ø80 mm
Diameter cap	Ø80 mm
Weight	0.2 kg
Weight with magnetic cap	0.7 kg
Weight with actuation box	3.5 kg
Weight (with power, electronics)	5.0 kg
Materials	FABRIC, PLA, PETCG, PMMA
Pneumatic air supply	external
External pipe diameter	Ø10 mm

Features

average extension speed	3cm/sec
operating pressure	0-3 bar
average recovery speed	0.3 cm/sec
pneumatic power supply	3 bar
electronic power supply	24 V
continuous operating power supply	2h

Human machine interface

Control	teleoperated	joystick
Visualization	LCD Display	
Display	7'	
Comunication	Wi-fi	