

### FT 300 FORCE TORQUE SENSOR



### **EASY TOUSE**

- Plug + Play
- UR+ certified product
- Free programming software

### **FORCE-SENSITIVE TASKS READY**

- Assembly and part insertionPart finishing
- Machine tending & product testing

### FOR INDUSTRIAL NEEDS

- Fully metallic hardware
- Wear-free sensingtechnology
  - High-resolution sensor



Pick and Place



Finishing



Assembly



**Quality Testing** 

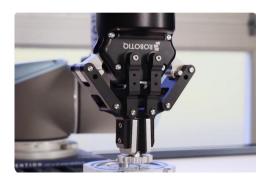


**Machine Tending** 



Insertion

**START PRODUCTION FASTER** 



# PERFORM HIGH-PRECISION ASSEMBLY TASKS

USE OUR FREE, READY-TO-USE SOFTWARE PROGRAMS



# TEACH YOUR ROBOT IN SECONDS

PROGRAM COMPLEX ROBOT TRAJECTORIES IN NO TIME

SPECIFICATIONS	FX	FY	FZ	MX	MY	MZ
Measuring range	± 300 N			± 30 Nm		
Overload capacity	500%			500%		
Signal noise	0.1 N		0.005 Nm		0.003 Nm	
Recommended threshold for contact detection	1 N		0.02 Nm		0.01 Nm	
Tool deflection at maximum measurable load	0.01 mm		0.17 deg		0.09 deg	
External noise sensitivity	Immune					
Data output rate (data stream mode)	100 Hz					
Mass	300 g					
Communication protocol	Modbus RTU / Data stream (RS-485)					

<sup>\*</sup> All specifications are provided for reference only. See User Manual at support.robotiq.com for official specifications.





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