



FT 300 FORCE TORQUE SENSOR



EASY TO USE

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

FORCE-SENSITIVE TASKS READY

- Assembly and part insertion
 - Part finishing
- Machine tending & product testing

FOR INDUSTRIAL NEEDS

- Fully metallic hardware
- Wear-free sensing technology
- 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)					

* All specifications are provided for reference only. See User Manual at support.robotiq.com for official specifications.

總代理



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