THANK YOU FOR CHOOSING NORDBO ROBOTICS!

What is in the box?

1x NRS-6050-D80 6-axis force/torque sensor
1x USB flash drive with software & documentation
1x NRC-ETH control box
1x NRC-ETH power cable
1x NRC-ETH sensor cable
3x Interface plates
12x M4x10 mm ISO 7380
4x M6x8 mm ISO 7380
6x M4x12 mm DIN 7991

You will need these tools!

2.5 mm hex key
4.0 mm hex key

Visit nordbo-robotics.com/download to get the latest manuals, software and drivers!

NORDBO ROBOTICS

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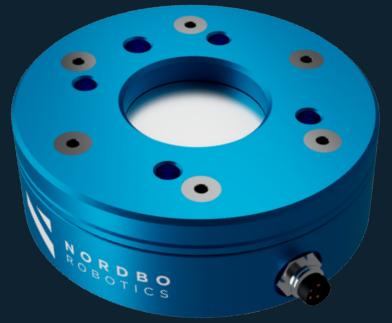
NRS-6050-D80

6-AXIS FORCE & TORQUE SENSOR

Quick Start Guide - Universal Robots



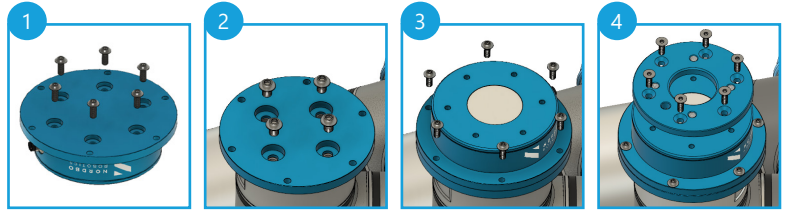
HOW TO ATTACH THE SENSOR

1. Attach the interface plate (Flange-to-sensor) on the NRS-6 sensor using the supplied M4 10 mm bolts and a 2,5 mm hex key

2. Attach the interface plate (Cobot-to-flange) on the robot's tool flange using the supplied M6 8 mm screws and a 4 mm hex key

3. Attach the NRS-6 sensor on the robot using the supplied M4 10 mm screws and a 2,5 mm hex key

4. (OPTIONAL) Attach the interface plate (Sensor-to-EOAT) on the sensor using the supplied M4 12 mm countersunk bolts and a 4 mm hex key



HOW TO CONNECT THE SENSOR

5. Connect NRC-ETH to a power supply of 24 volts DC

6. Use an ethernet cable to connect the NRC-ETH to the UR control box

7. Turn on the UR and go to [Setup Robot] and then [Network]

8. Choose Static Address and change the IP address to "192.168.0.99" the Subnet mask to "255.255.255.0" and the default gateway to "192.168.0.1"

9. Optional: If you do not wish to change the IP address of the robot, the IP can be changed on the NRC-ETH (see User Manual)

10. Connect the NRC-ETH to the NRS-6 using the supplied sensor cable. It is recommended to attach the cable to the robot

HOW TO INSTALL THE URCAP

11. Connect the supplied USB flash drive to the robot's teach pendant

12. Start the robot and go to [Setup Robot]. In the menu go to [URCaps] and click the [+] button at the bottom of the screen. Now add the URCap by clicking the icon

13. Restart the robot to activate the URCap

14. The NRS-6 force & torque sensor is now ready for you to create a program!