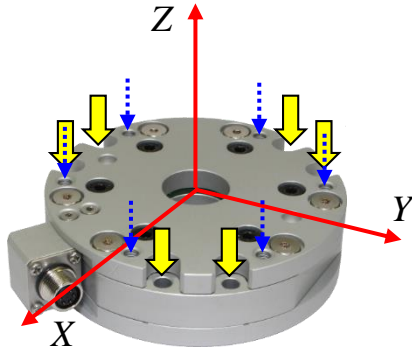


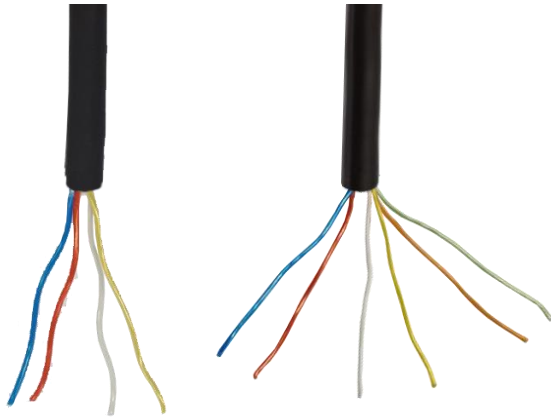
# RFT80 series Force Torque Sensor

## Installation Guide

↓ 6-M4x0.7 screws  
Length 15(20)mm   ↓ 6-M4x0.7 screws



The coordinate system of RFT80



Robot cables with resistance to bending and twisting: left (2-pair), right (3-pair)

### Mounting

When you mount RFT80 sensor on your system, [please use a torque wrench](#) to tighten screws with a recommended fastening torque.

[Please make sure to give an uniform fastening torque of 50 kgfcm to each screw](#) when mounting FT sensor with M4x0.7 screws.

It is meaningful for more precise readings, because we use the same fastening torque in sensor calibration process.

### Wiring

Each output interface has its own mapping between wire colors and functions. Please make sure each wire color matches a correct function while connecting to a corresponding interface.

Output I/F	Blue	Red	White	Yellow	Orange	Green
CAN	GND	5VDC	CAN_H	CAN_L	(NC)	(NC)
RS-232	GND	5VDC	TX	RX	(NC)	(NC)
RS-422	GND	5VDC	TX+	TX-	RX-	RX+
USB	GND	5VDC	D-	D+	(NC)	(NC)