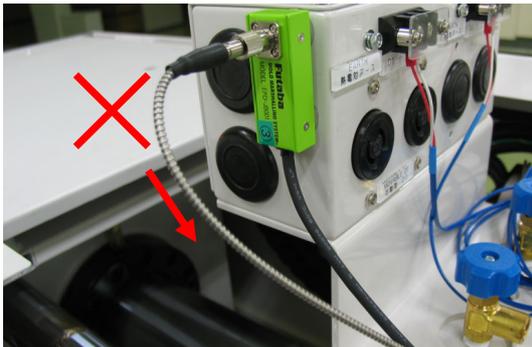


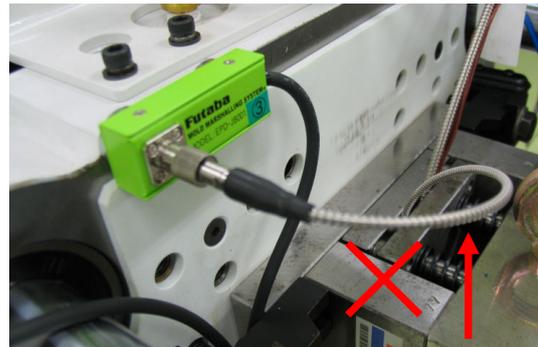
# Precaution for Use of Temperature Sensor

## 1. Installation and Use

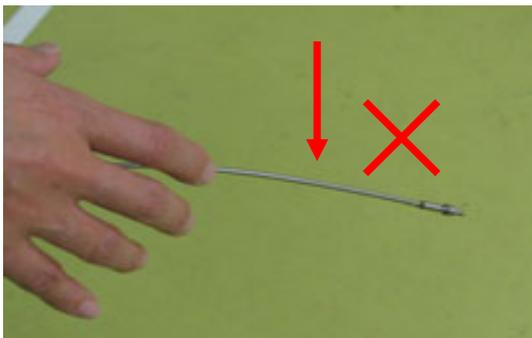
- 1) Do not perform additional machining of the pin portion. Doing so may cause damage to internal fiber.
- 2) Maximum withstanding pressure is 150MPa. Applying a load exceeding this limit may cause damage to the sensor.
- 3) Do not pull or twist cables. It may cause damage to the cables.
- 4) Do not drop the product since a silica optical fiber is used inside the product.
- 5) The bend radius for the cable shall not be less than 50 mm. A bend radius less than the specified value may damage the cable.



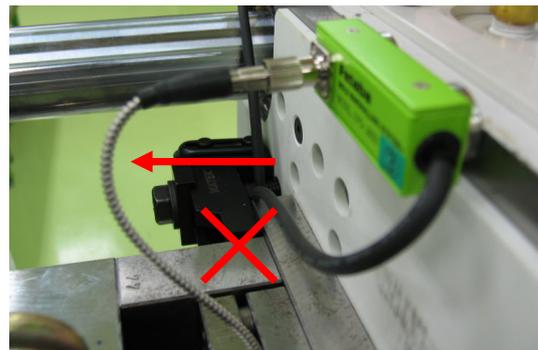
**Be careful of tension!**



**Be careful of twisting!**



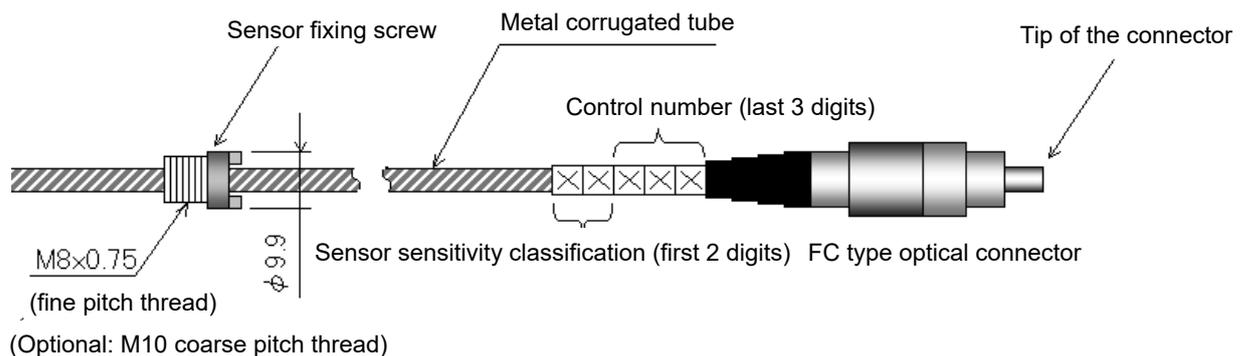
**Be careful not to drop!**



**Be careful of the bend radius!**

## 2. Measurement

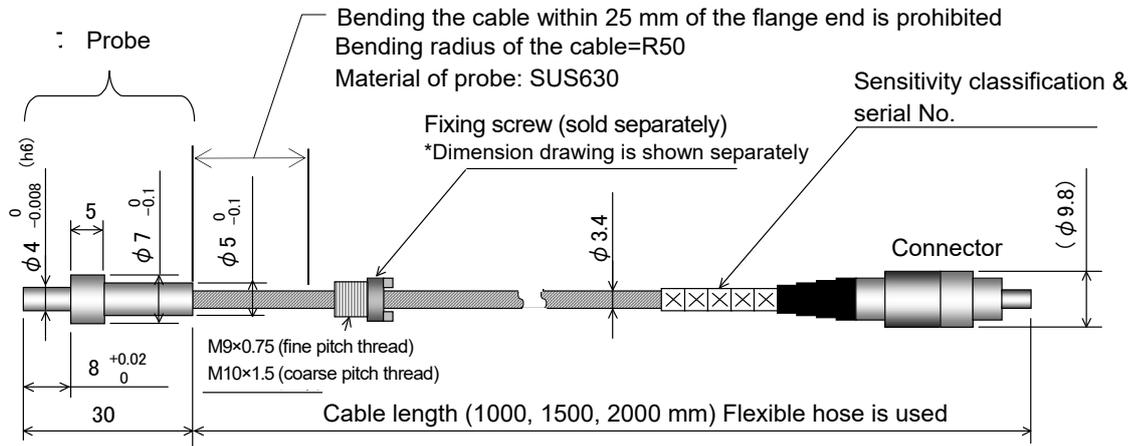
- 6) The measurable temperature range is from 60°C to 380°C. The measurement of temperature outside this range may cause an error.
- 7) In order to ensure accurate measurement, it is necessary to set the sensitivity classification of the temperature sensor.
  - ※For information on how to set sensitivity classification, see Page 28 of the EPD-001 Instruction Manual or Page 10 of the EPT-001 Instruction Manual.
  - ※Any dirt or dust adhering to the tip of the connector may affect the sensitivity of the sensor. Wipe it off with a soft cloth, etc.



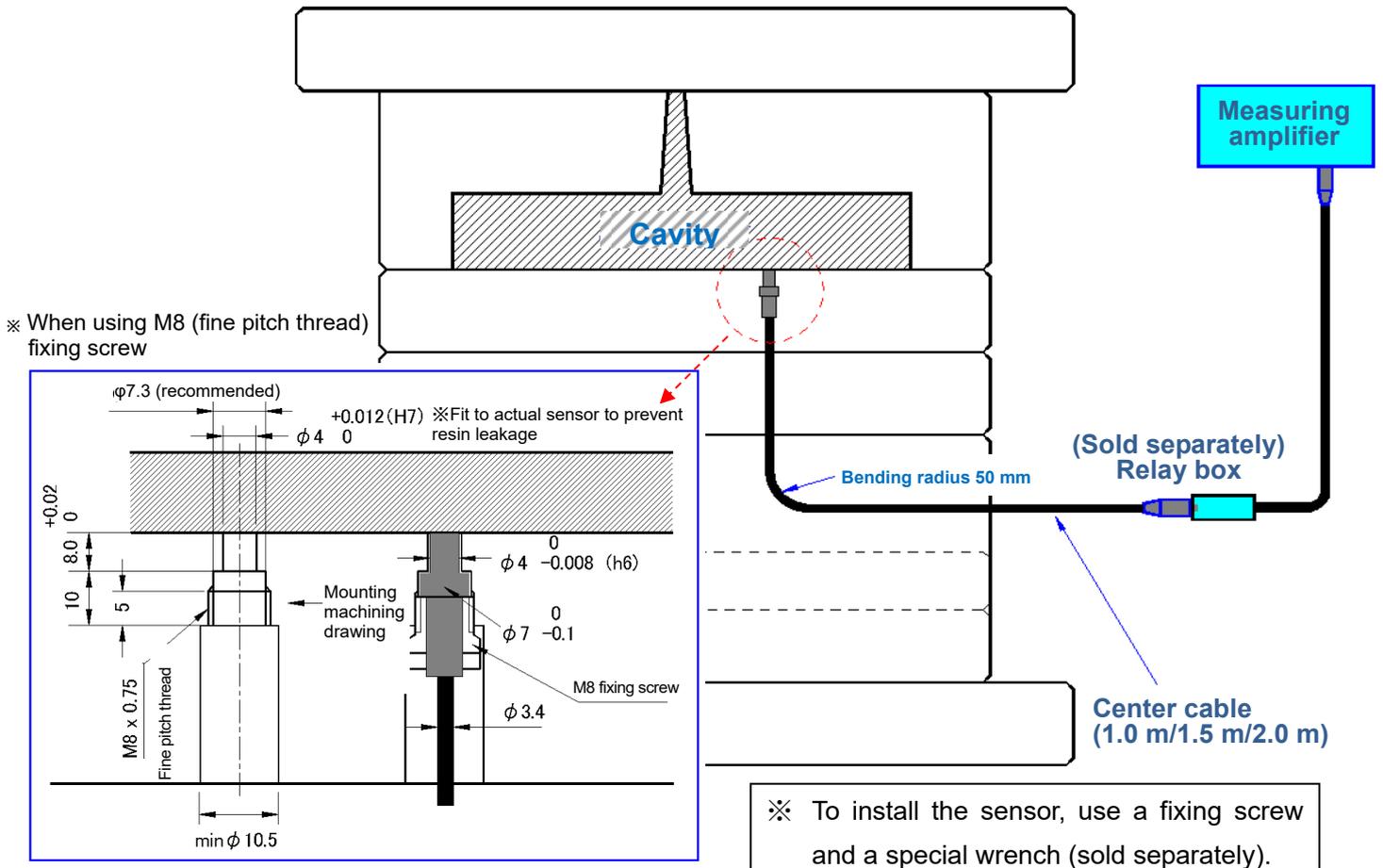
# < Temperature Sensor Installation Reference Drawing >

It is necessary to machine the mold according to the probe dimension and cable diameter. Install the sensor referring to the drawings shown below.

## 【Sensor Dimension Drawing】 (Unit: mm)



## 【Mold Mounting Diagram】 (Unit: mm)



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