

Air purge kit for TI-S30

TI-S30-AP

OPTEX FA CO., LTD.

- Thank you for the purchase of the "TI-S30-AP."
- This product is an optional product exclusively for the TI-S30.
- Before using this product, read this manual carefully to ensure proper use.
- Read this manual thoroughly, and then keep this manual at hand so that it can be used whenever necessary.

Safety Precautions

Safety precautions for ensuring safe operation of this product are displayed as follows with the following symbols.

Precautions listed here describe important information about safety. Make sure to follow them accordingly.

Safety Symbols

	WARNING	Indicates that any improper operation or handling may result in moderate or minor injury, and in rare cases, serious injury or death. Also indicates a risk of serious property damage.
	CAUTION	Indicates that any improper operation or handling may result in minor injury or property damage.

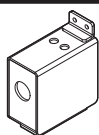
WARNING	
	Do not disassemble, repair, modify, deform under pressure, or attempt to incinerate this product. Doing so may cause injury or fire.
	Do not use this product other than for the TI-S30. Doing so may cause damage the malfunction.
	This product cannot be used in applications that directly or indirectly detect human bodies for the purpose of ensuring safety. Do not use this product as a detection device for protecting the human body.
	Do not use this product in a non-industrial environment. Doing so may cause induction or radiation interference.
	This product is not intended for use with nuclear power, railways, aviation, vehicles, medical equipment, food-handling equipment, or any application where particular safety measures are required. Absolutely do not use this product for any of these fields.
	Do not allow this product to come in contact with the object to be measured. Contact with a hot object may cause irreparable damage such as deformation or measurement errors.

CAUTION	
	Do not drop the product or subject the product to strong impacts. Doing so may damage the product.
	Use this product within the rated ranges.
	When installing this product on sensor head, use the screws of included to ensure secure installation. Failure to ensure secure installation can result in the products falling and becoming damaged.

Handling Precautions

- After carefully considering the intended use, required specifications, and usage conditions, install and use the product within the specified ranges.
- If installing this product in your own equipment, ensure that the product is properly handled according to the laws and regulations of the relevant country or region.
- Detection characteristics values may vary depending on the state of the target object and variations among individual products.
- Before using this product, fully examine the applicable environmental laws and regulations, and operate the product in conformity to such laws and regulations.

1. Included Items



Collar case



Collar plate



Mounting bracket



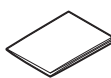
Collar backplate



M3 x 10mm mounting screws x2

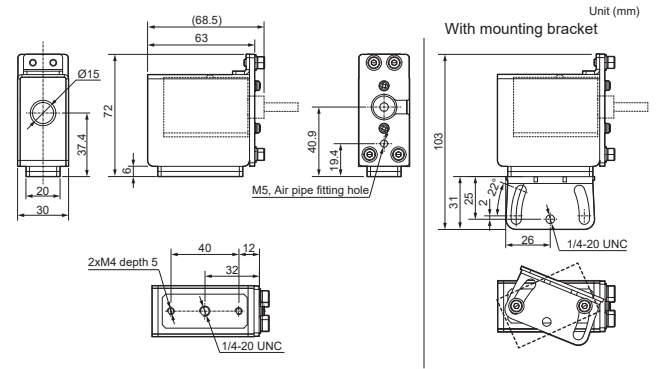


M4 x 8mm mounting screws x6



Instruction manual

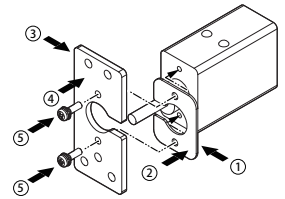
2. Dimensions



*Optional mounting brackets BEF-TISH-A, BEF-TISH-B and BEF-TISH-AB cannot be used when the air purge kit is installed.

3. Installation

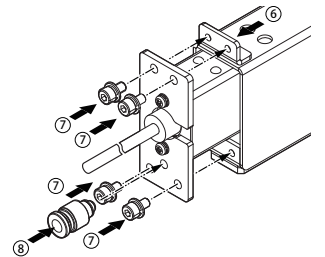
1. As shown in the figure on the right, pass the cable through with the notch in the collar backplate to the left.
2. Attach the collar backplate to the sensor head.
3. As shown in the figure on the right, pass the cable through with the notch in the collar plate to the right.
4. Attach the collar plate to the collar backplate.
5. Fix with the included M3 screws (M3x10). The tightening torque should be 0.6 N·m or less.



CAUTION

The orientation of the notches on the collar plate and collar backplate is specified. Incorrect installation will result in a gap and air purge failure.

6. Attach the collar case to the collar plate.
7. Fix with the included M4 screws (M4x8). The tightening torque should be 1.5 N·m or less.
8. Attach an air pipe fitting (commercially available) to the collar plate.



*The included mounting bracket can be attached to the bottom of the collar case at any angle.

4. Specifications

Model	TI-S30-AP
Air flow rate	2 to 10 L/min
Ambient temperature	0 to +80 °C
Ambient humidity	35 to 85% RH(no condensation)
Applicable standards	EU RoHS (2011/65/EU)
Material	Stainless steel
Weight	Approx 300 g

- Support for the China RoHS directive



For details on the support for the China RoHS (the Administrative Measure on the Control of Pollution Caused by Electronic Information Products), see the following website.
https://www.optex-fa.com/rohs_cn/

- Specifications are subject to change without notice.
- For more information, questions and comments regarding product, please contact us at the information below.

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