



High-accuracy Digital Contact Sensor

GT2-PA12K/PA12

Instruction Manual

Introduction

Read this instruction manual carefully prior to operating this product. For connection, settings and precautions on use, make sure to read the GT2 Series instruction manual included with the amplifier. Be sure to store this manual in a convenient place so that it is readily accessible for reference. Ensure that the personnel who will actually operate the product have access to this manual. For details of each function, refer to the GT2 Series User's Manual. You can download the User's Manual from KEYENCE homepage (<http://www.keyence.com/>).

WARNING	It indicates a hazardous situation which, if not avoided, could result in death or serious injury.
NOTICE	It indicates a situation which, if not avoided, could result in product damage as well as property damage.

Safety precautions

WARNING	- This product is designed to detect the target object. Do not use this product to protect human bodies or a part of a human body. - This product is not intended for use as an explosion-proof product. Do not use this product in hazardous locations and/or potentially explosive atmospheres.
NOTICE	● Warning up The circuit is not stable immediately after the power turns ON, which sometimes causes the indicated value to gradually fluctuate. Wait for about 5 minutes after the power turns on before using. ● Handling of the sensor head - This device is a precision machine. Do not drop, or cause any other impact to this device. Doing so may cause damage or malfunction. - Do not apply weight greater than what is listed below to the spindle. Do not apply rotational torque. Otherwise the spindle may break. - The spindle can rotate a maximum of 4.5°. When using an offset contact (COP-77502) or similar, if pressure in the rotational direction is applied to the contact, the measurement position may change. - When attaching and removing contacts, make sure that the sensor head is detached from any metallic plates, etc. Apply a tightening torque of 0.2 N·m or less when attaching the contact. - If dust, metal powder, or similar becomes attached to the sliding part of the sensor head, mechanical responses may become slow. If this happens, replace the end of the sensor head with a replacement dust seal (COP-87502). Refer to the instruction manual included with the replacement dust seal (COP-87502) for instructions on how to replace the dust seal. - Although the GT2-PA12K/PA12 has a protection rating of IP67, avoid using it immersed in water or in places where liquid such as oil may come into contact with it.

Checking the package

GT2-PA12K/PA12



Sensor head = 1
Precautions on Handling = 2

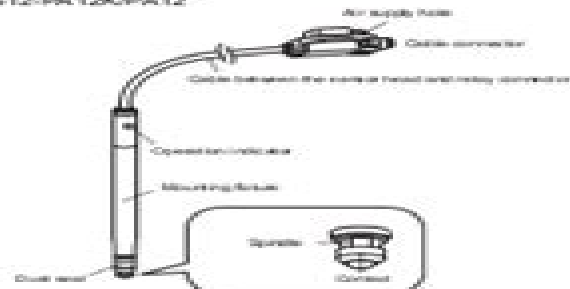
If you find that a part is faulty or broken, contact your KEYENCE representative.

Sensor head connection cable



Names of parts of the sensor head

- GT2-PA12K/PA12

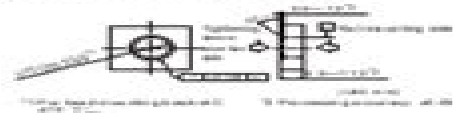


Mounting the sensor head

When mounting to the jig, make a round hole on the jig beforehand.

- Using mounting bracket A/C

- Work the sensor head mounting part as below.



- Insert the tightening sleeve into the hole made in step 1 (from the chamfered side), and loosely tighten with the nut. Next, insert the sensor head.



NOTICE

If the nut is fully tightened when the sensor head is not yet inserted, the fixture will become deformed.

- Secure the sensor head with the supplied key wrench and tighten the nut with a wrench or similar tool.



NOTICE

Apply a tightening torque of 5 to 7 N·m (the recommended tightening torque is 5 N·m).

Pa12 Service Manual

O García



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web the pump is capable of operating from 9v to 14v and relies on a clean strainer see image below and a properly functioning regulator valve serviceable maintain system pressure pump has pump in order to the situations internal overload protection that turns the off restriction under overload or excessive high fuel current back draw pressure

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web check for fuel leaks do a visual inspection of the fuel tanks and the left side of the engine for fuel leaks or damaged fuel lines possible causes include a leaking or damaged fuel tank leaking or damaged fuel line leaking or damaged fuel filter module and a leaking or damaged fuel pump

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web the first port is a compuchek and is located on the front of the filter module unfiltered fuel pressure the second port is a schrader valve located on the front of the intake manifold filtered fuel pressure the schrader port can also be used to bleed air out of the system

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