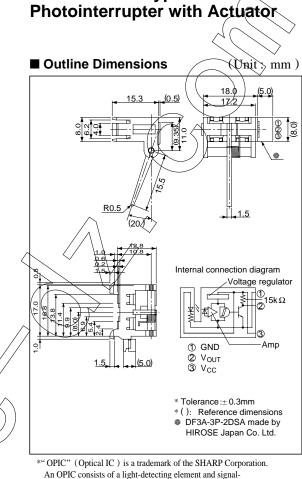
GP1A44E1

Features

- 1. With compact actuator
- 2. Easy wiring due to built-in connector
- 3. Snap-in mounting type in order to mount to an equipment easily
- 4. OPIC output type for direct connection to microcomputer

Applications

- 1. Copiers
- 2. Laser beam printers
- 3. Facsimiles



Transmissive Type

processing circuit integrated onto a single chip.

 $(Ta = 25^{\circ}C)$

 $^{\circ}C$



		(
Parameter	Symbol	Rating	Uni	
Supply voltage	V _{CC}	- 0.5 to + 10	V	
*1Output current	Iol	50	mA	
*2 Operating temperature	T _{opr}	- 20 to + 75	°C	

*2 Storage temperature

*1 Coffector current of output transistor

*2 The connector should be plugged in/out at normal temperature.

In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that occur in equipment using any of SHARP's devices, shown in catalogs, data books, etc. Contact SHARP in order to obtain the latest version of the device specification sheets before using any SHARP's device."

T_{stg}

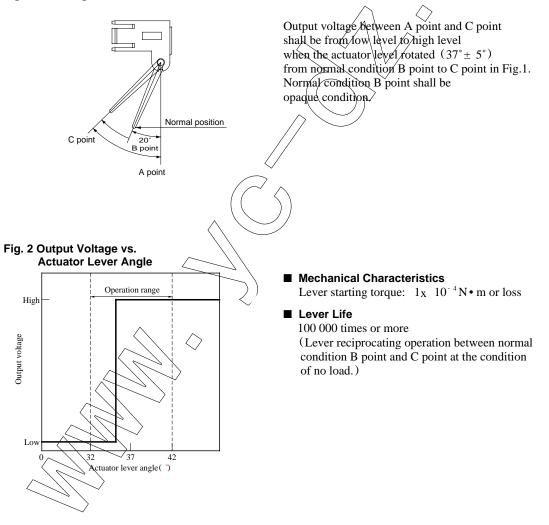
40 to + 85

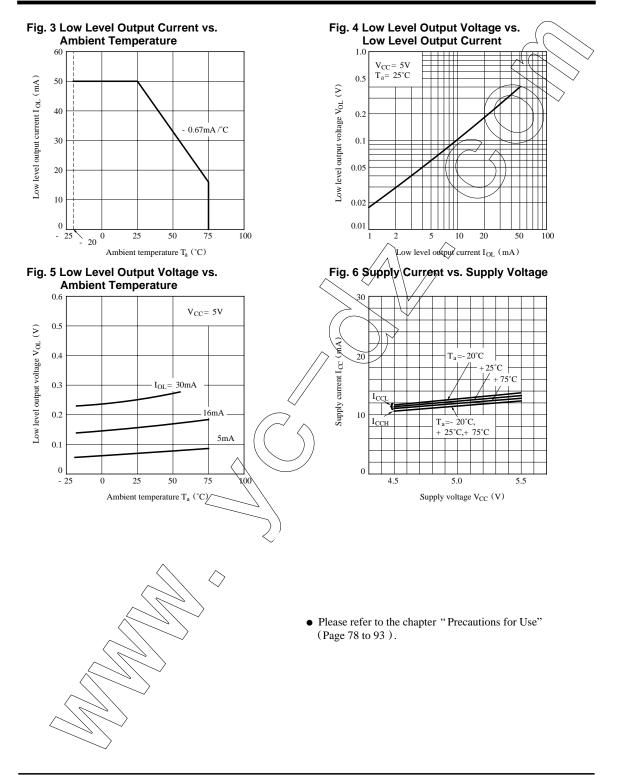
Electro-optical Characteristics	(Unless otherwise specified, V_{cc} = 5V, Ta = 25°C)					
Parameter	Symbol	Conditions	MIN.	TYP.	MAX.	Unit
Low level dissipation current	ICCL	Light beam interrupted	-	-	~ 20	nqA 🏹
Low level output voltage	V _{OL}	Light beam interrupted I _{OL} = 16mA	-		<u>St</u>	\mathbf{i}
High level dissipation current	ICCH	Light beam uninterrupted	-		20	mA
High level output voltage	VOH	Light beam uninterrupted	V cc x 0.9	-))	V
Operating supply voltage	V _{CC}	$Ta = -20 \text{ to } + 75^{\circ}\text{C}$	4.5		5.5	V

* Condition of light beam interrupted : Lever is normal condition on the Fig.1.

Condition of light beam uninterrupted : Lever is 30° or more movement condition from A point to B point on Fig.(1.

Fig. 1 Detecting Position





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- Office automation equipment
- Telecommunication equipment [terminal]
- Test and measurement equipment
- Industrial control
- Audio visual equipment
- Consumer electronics

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- Alarm equipment
- Various safety devices, etc.

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