



光反射開關

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- Phototransistor Output with Convergent Lens for Precise Sensing
- Sensing accuracy as high as $\pm 0.6\text{mm}$
- Model with a red LED assures smooth sensing of dyestuffs(EE-SY169)
- Ideal to be built into printers and copy machines for sensing paper edges



Part No.	Product No.	製造廠商	說明	Output/ Vceo	Sensing Distance	Output/ Ic(mA)	Input/ If	Input/ Vr	重量
67774	EE-SY169	OMRON	光反射體	30A	4mm	20mA	50mA	3A	1G
67772	EE-SY169A	OMRON	光反射體	30A	4mm	20mA	50mA	3V	1G



- Features**
- 3-mm-tall, thin model
 - RoHS Compliant



Part No.	Product No.	製造廠商	說明	Output/ Vceo	Sensing Distance	Output/ Ic(mA)	Input/ If	Input/ Vr
67807	EE-SY171	OMRON	光反射體	30V	3mm	20mA	50mA	4V



- Features**
- Ultra-compact model
 - PCB surface mounting type



Part No.	Product No.	製造廠商	說明	Output/ Vceo	Sensing Distance	Output/ Ic(mA)	Input/ If	Input/ Vr
67770	EE-SY199	OMRON	Reflective Photomicrosensor With Sensitivity Adjuster	35V	1 mm	20mA	50*1mA	6V



- Features**
- Incorporates an IC chip with a built-in detector element and amplifier
 - Incorporates a detector element with a built-in temperature compensation circuit
 - Compact reflective model with a molded housing
 - A wide supply voltage range: 4.5 to 16VDC
 - Directly connects with C-MOS and TTL
 - Dark ON model (EE-SY310)
 - Light ON model(EE-SY410)
 - RoHS Compliant



Part No.	Product No.	製造廠商	說明	Output/ Vceo	Sensing Distance	Output/ Ic(mA)	Input/ If	Input/ Vr
67814	EE-SY310	OMRON	光反射體	16V	5mm	16mA	50mA	4V
67771	EE-SY410	OMRON	光反射體	16V	5 mm	16mA	50mA	4V



- Incorporates an IC chip with a built-in detector element and amplifier
- Incorporates a detector element with a built-in temperature compensation circuit
- Compact reflective Photomicrosensor (EE-SY310/-SY410) with a molded housing and a dust-tight cover
- A wide supply voltage range: 4.5 to 16VDC
- Directly connects with C-MOS and TTL
- Dark ON model (EE-SY313); Light ON model (EE-SY413)
- RoHS Compliant



Part No.	Product No.	製造廠商	說明	Input/ If	Input/ Vr
67812	EE-SY413	OMRON	光反射體	50mA	4V



- Easy adjustment with a built-in sensitivity adjuster
- Model with a Sensor mounted on the top or side of the body
- Light-OFF and Light-ON switchable (Light-ON when the L terminal and the positive terminal are short-circuited)
- Easy optical axis monitoring with an light indicator
- Compact photomicrosensor with a built-in amplifier and special IC makes it possible to directly switch currents up to 100mA
- Wide operating voltage range (5 to 24VDC) makes smooth connection possible with a TTLs, relays, and programmable controllers(PC)



Part No.	Product No.	製造廠商	說明	Output Type	Sensing Distance	重量
15503	EE-SY671	OMRON	光反射體	遮光時 ON/入光 ON 共用型	反射型 1~5mm(反射率 90%的白色紙)	4.8g
11549	EE-SY672	OMRON	光反射體	遮光時 ON/入光 ON 共用型	反射型 1~5mm(反射率 90%的白色紙)	4.85G



- Operating Voltage:11~30VDC
- NPN & PNP Two Output, NO/NC Changeable
- Polarity Reversed Protection Circuit
- Vertical & Horizontal Sensing Direction Are Available
- Protected By Short Circuit &
- Long Sensing Distance
- Reflex Type: 2M
- Mirror Reflex Type: 4M
- Thru Beam Type: 20M



Part No.	Product No.	製造廠商	說明	Output Type	Output/ Vceo	Sensing Distance	Output/ Ic(mA)
61813	FR-2MX	FOTEK	標準型光電傳感器	NPN&PNP Two Output	10~30VDC	2M	150mA max

