

Reflective Photosensors <Photo Reflectors> (RPR)



ROHM photo reflector has sensing distance from 3.5-5mm, the longest among similar products. Connector type is also available.

● Phototransistors Output

Package	Part No.	Feature	Absolute maximum ratings		Standard Characteristics							Basic ordering unit	Rank
			I_F (mA)	V_{CEO} (V)	Detection distance (mm)	I_C (μ A)	V_{CE} (V)	I_F (mA)	I_{CEO} Max. (μ A)	t_r, t_f (μ s)	V_{CE} (sat) (V)		
Type with case	RPR-359F	Detection distance 3.5mm	50	30	3.5	500	5	20	0.5	10	0.1	200	⊙
	RPR-363A	Detection distance 5mm	50	30	5.0	100Min.	5	20	0.5	10	0.1	200	⊙
With connector	RPR-360FSC	With tapped hole	50	30	3.5	500	5	20	0.5	10	0.1	200	○
	RPR-361FS	With tapped hole	50	30	3.5	550	5	20	0.5	10	0.1	200	○
	RPR-362FS	With tapped hole	50	30	3.5	550	5	20	0.5	10	0.1	200	○

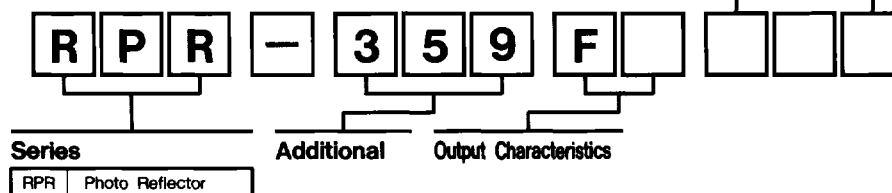
⊙ : Standard products ○ : Semi-standard products

● Product Designation

- When ordering, specify the type.
- Check each code against the code tables shown below.
- Fill a space with the next character.

Optical Output Rank

- Input output rank signal display (Min., Max. is displayed)
- One rank preferred ☒ A ☐ See Optical Output Rank List P.277
- Multiple rank preferred ☒ A ☐ D RPR-359F only



Not all ranks apply to all products. Consult us for detail.

(Unit : mm)

RPR-359F		RPR-363A	
	(1) Cathode (2) Anode (3) Emitter (4) Collector		(1) Cathode (2) Anode (3) Collector (4) Emitter
RPR-360FSC		RPR-361FS	
	(1) Cathode (2) Anode (3) Emitter (4) Collector		(1) Cathode (2) Anode (3) Emitter (4) Collector

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