JFE SP

INSTALLER AND USER´S MANUAL

v1.0
REV. 05/2015 EN

CHARACTERISTICS

- Non-sphere optical lens totally eliminate stray light and overcome the interference from such light sources as sunlight.
- Built-in LED light source makes installation easy.
- Multiple operating voltages: 24-240V AC / 10-30V DC.
- Able to detect working status by POWER LED indicator.
- Protection grade IP67 (IEC).

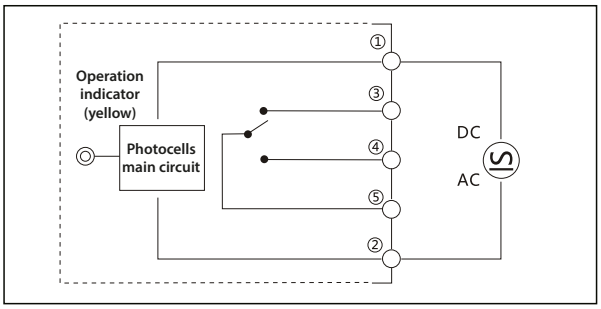
SPECIFICATIONS

• **Model**	JFE SP
• **Sensing target**	Opaque materials of Min. Ø60mm
• **Sensing distance**	Rp05 Reflector: 12m
• **Power supply**	24 ~240 VAC / 10~30VDC
• **Control output**	Relay output (contact rating: 30V DC, 3A or 240V AC, 3A resistant load;contact component:1C)
• **Light source**	Red LED(Modulated:660nm)
• **Action mode**	Choose L. ON/D. ON through potentiometer
• **Response time**	<30 ms
• **Protection circuit**	Surge protection;Reverse polarity protection
• **Indicator**	Power LED: yellow
• **Ambient light**	Sun:30000lx | Incandescent lamp:3000lx
• **Temperature range**	-15 ~ + 55 °C
• **Ambient humidity**	35-95%RH
• **Construction**	Case: ABS | Lens: PMMA
• **Protection grade**	IP67 (IEC)
• **Accessory**	Mounting bracket: IB02 | Nut: M4 x 25

• Notes

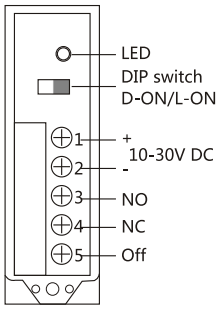
*1 The sensing distance indicates the range between the reflector and sensor. The reflector varies according to the sensing distance.

OUTPUT CONTROL DIAGRAM

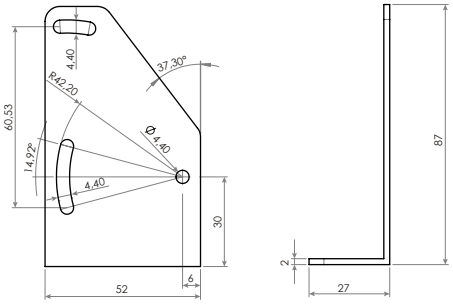
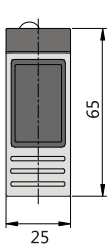
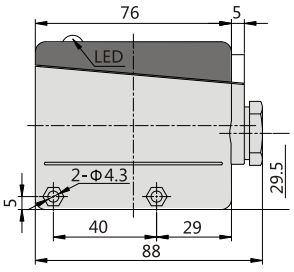


AC power, relay output

CONNECTIONS



BRACKET



DIMENSIONS