

KE Series

- ☪ Tiny designed with built-in amplifier, available with horizontal and vertical installation types.
- ☪ Equipped with sensitivity adjuster, excellent sensitivity.
- ☪ With Light ON and Dark NO two functions.
- ☪ Various detection distance and sensing method.

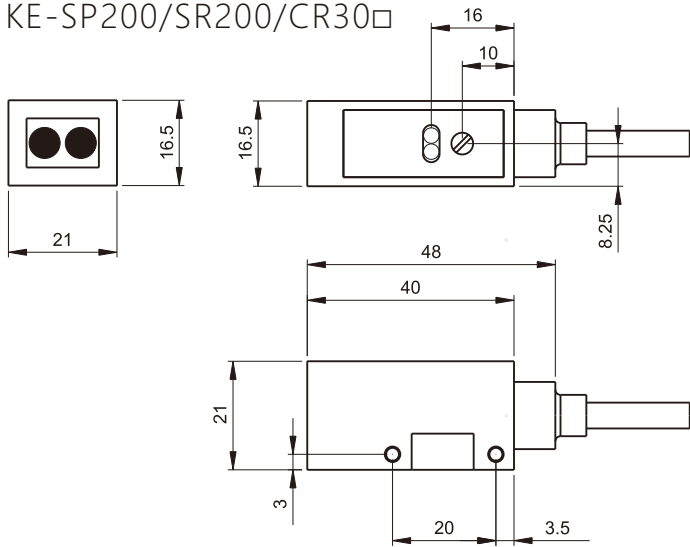


Item	Specifications			
Model number	KE-SP200N	KE-SP200P	KE-SR200N	KE-SR200P
	KE-SP200NS	KE-SP200PS	KE-SR200NS	KE-SR200PS
Sensing method	Through-beam		Retro-reflective	
Sensing distance	2M			
Switching output	NPN NO&NC	PNP NO&NC	NPN NO&NC	PNP NO&NC
Standard sensing object	Opaque ∅10mm		Opaque ∅50mm	
Model number	KE-CR30N	KE-CR30P	KE-CR15N	KE-CR15P
	KE-CR30NS	KE-CR30PS	KE-CR15NS	KE-CR15PS
Sensing method	Diffuse-reflective			
Sensing distance	30cm		15cm	
Switching output	NPN NO&NC	PNP NO&NC	NPN NO&NC	PNP NO&NC
Standard sensing object	White Paper 12x12cm		White Paper 8x8cm	
Operating voltage	DC 12~24V±10%			
Response time	< 5ms			
Load current	< 200mA			
Sensitivity adjustment	Sensitivity adjuster			
Light source	Infrared LED			
Operation indicator	Red LED			
Circuits protection	Reversed polarity protection			
Enclosure protection	IEC IP65			

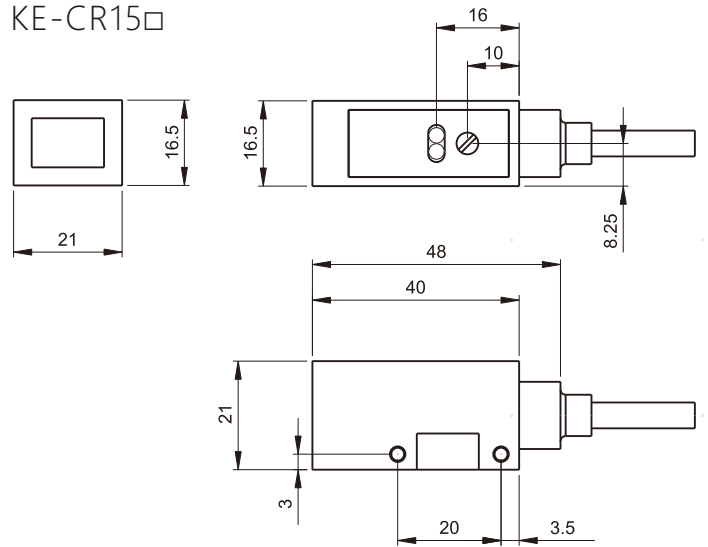
Ambient temperature & humidity range	Operating: -20 ~ 55°C / RH 35 ~ 85% (with no icing or condensation)
Ambient illumination	Lamplight < 3000 Lux / Sunlight < 10000 Lux
Housing material	Case : ABS / Lens : Acrylic
Connecting method	Pre-wired 2M Cable
Accessories	Mounting bracket · Screws · Adjustment screwdriver Reflector (only for Retroreflective)

Dimension

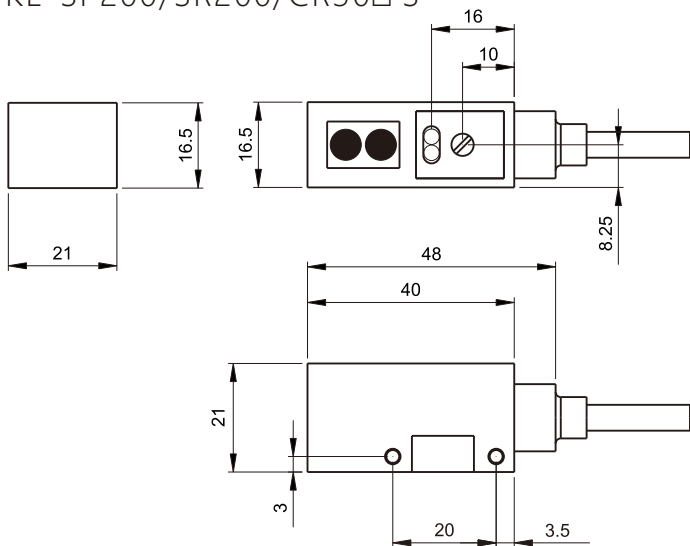
KE-SP200/SR200/CR30□



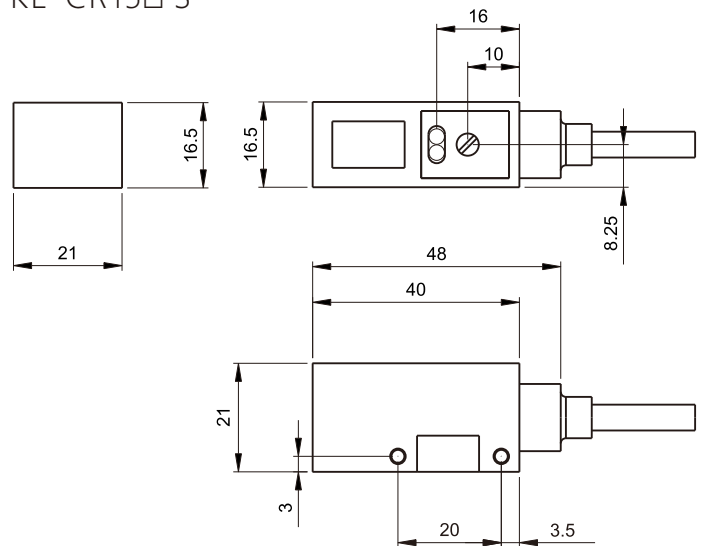
KE-CR15□



KE-SP200/SR200/CR30□ S

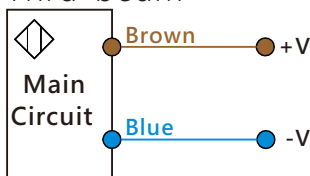


KE-CR15□ S

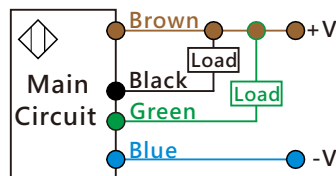


Wiring Diagram

Emitter of Thru-beam



NPN NO&NC Type



PNP NO&NC Type

