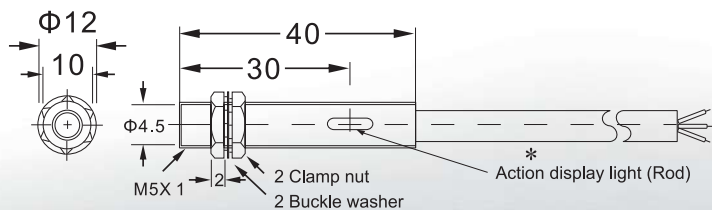
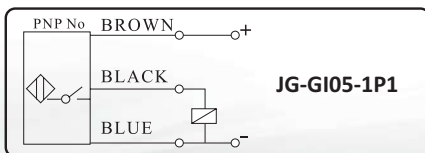
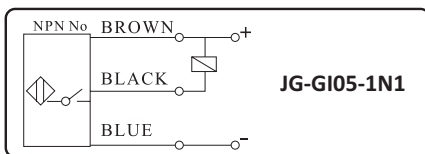
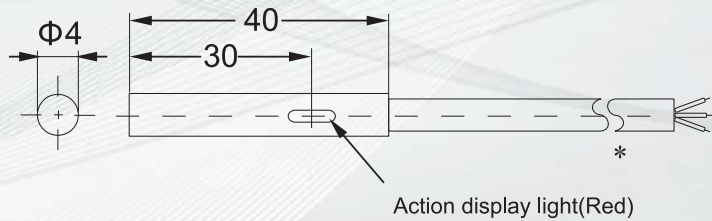
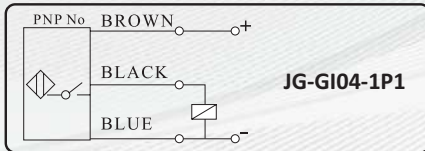
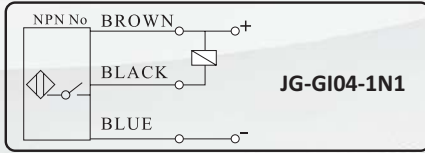


PROXIMITY SWITCHES & SENSORS

INDUCTIVE TYPE - ROUND MODEL 3 WIRE

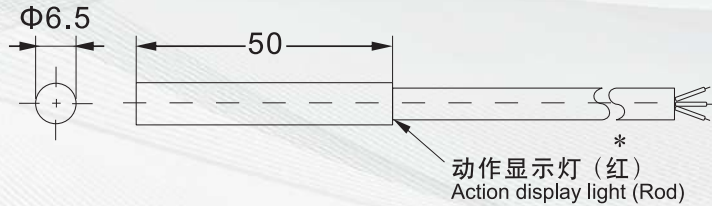
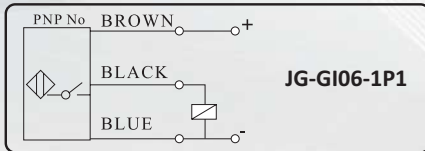
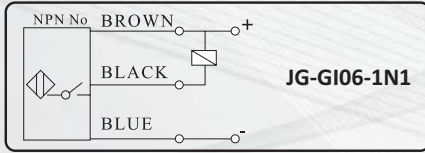


Technical parameters

Set distance	0~0.7 mm
Standard detected object	5x5x1mm
Power supply voltage	10-30 VDC
Switching point offset	<±10%
Load current	<100mA
Drop	<2.5V
Consumption current	<10mA
Hysteresis range	1% ~ 20%
Repeated precision	<3%
Switching frequency	3000Hz
Output indicator	LED
Polarity protection	yes
Surge protection	yes
Short circuit protection	--
Ambient temperature	-25°C ~ +70°C
Ambient humidity	35% ~ 95%
Protection grade	IP67
Shell material	nickel plated brass
Connection	1.5m PUR

PROXIMITY SWITCHES & SENSORS

INDUCTIVE TYPE - ROUND MODEL 3 WIRE

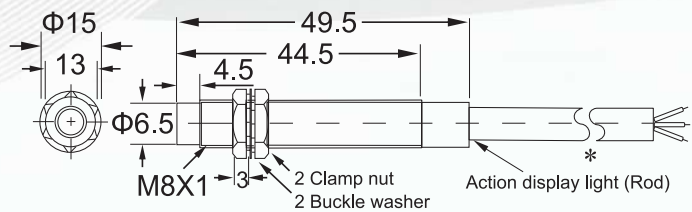
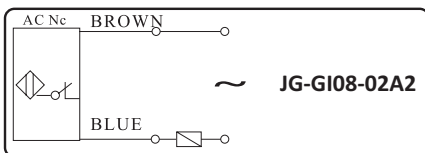
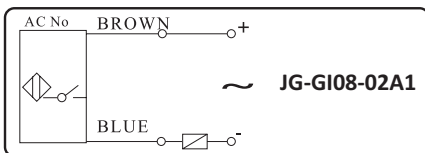
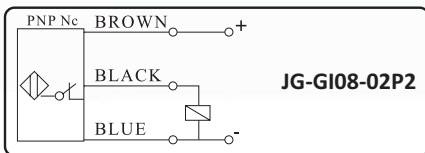
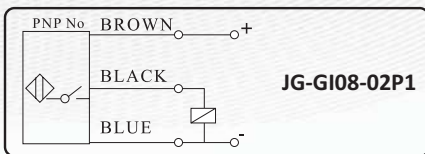
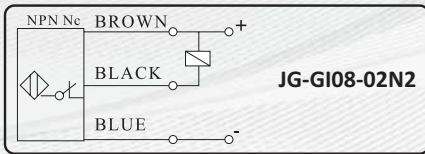
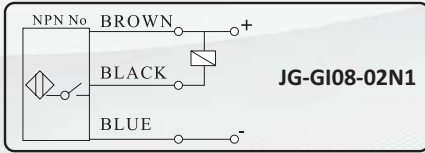


Technical parameters

Set distance	0~1 mm
Standard detected object	8x8x1 mm
Power supply voltage	6-36 VDC / 90-250 VAC
Switching point offset	<±10%
Load current	<150mA
Drop	<2.5V
Consumption current	<10mA
Hysteresis range	1% ~ 20%
Repeated precision	<3%
Switching frequency	DC-2000Hz / AC-25Hz
Output indicator	LED
Polarity protection	yes
Surge protection	yes
Short circuit protection	yes
Ambient temperature	-25°C ~ +70°C
Ambient humidity	35% ~ 95%
Protection grade	IP67
Shell material	nickel plated brass
Connection	1.5m PUR

PROXIMITY SWITCHES & SENSORS

INDUCTIVE TYPE - ROUND MODEL 3 WIRE

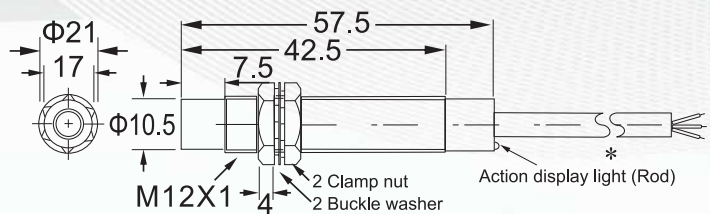
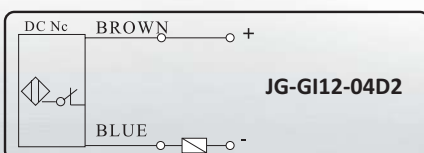
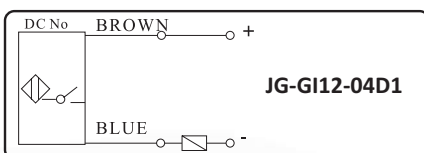
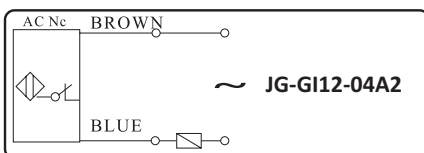
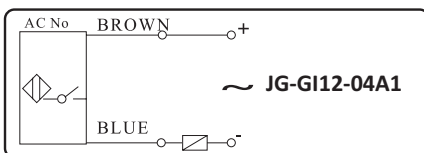
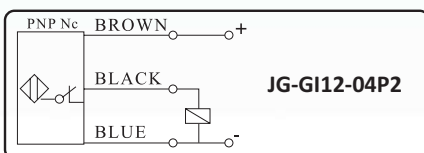
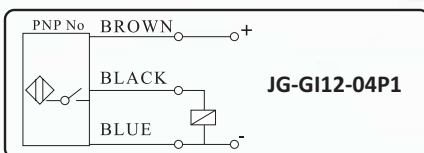
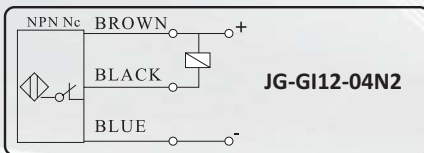
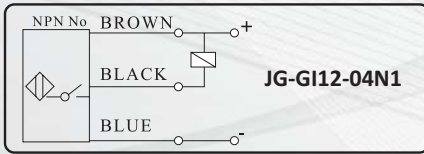


Technical parameters	
Set distance	0~2mm ±10%
Standard detected object	12x12x1 mm
Power supply voltage	6-36 VDC / 90-250 VAC
Switching point offset	<±10%
Load current	<300mA
Drop	<2.5V
Consumption current	<10mA
Hysteresis range	1% ~ 20%
Repeated precision	<3%
Switching frequency	DC-1000Hz / AC-25Hz
Output indicator	LED
Polarity protection	yes
Surge protection	yes
Short circuit protection	yes
Ambient temperature	-25°C ~ +70°C
Ambient humidity	35% ~ 95%
Protection grade	IP67
Shell material	nickel plated brass
Connection	1.5m PUR



PROXIMITY SWITCHES & SENSORS

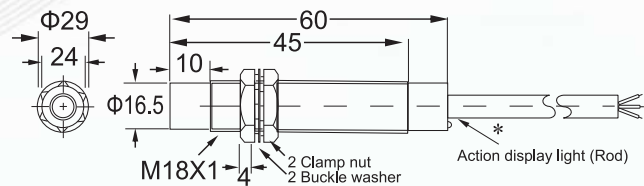
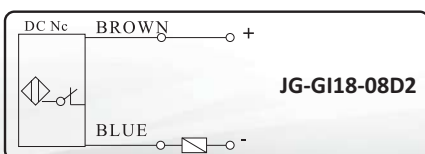
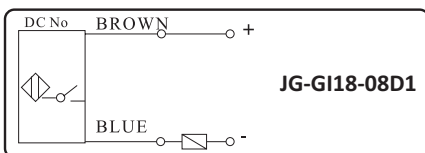
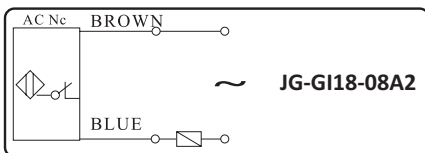
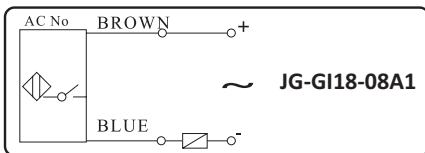
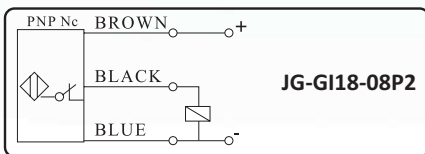
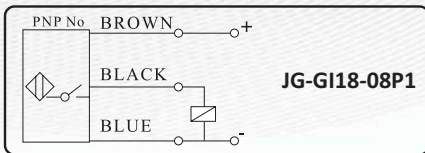
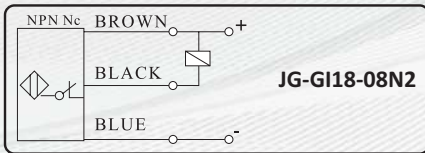
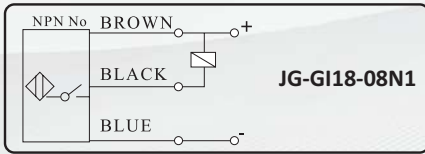
INDUCTIVE TYPE - ROUND MODEL 3 WIRE



Technical parameters	
Set distance	0~4mm ±10%
Standard detected object	15x15x1 mm
Power supply voltage	6-36 VDC / 90-250 VAC
Switching point offset	<±10%
Load current	<300mA
Drop	<2.5V
Consumption current	<10mA
Hysteresis range	1% ~ 20%
Repeated precision	<3%
Switching frequency	DC-400Hz / AC-25Hz
Output indicator	LED
Polarity protection	yes
Surge protection	yes
Short circuit protection	yes
Ambient temperature	-25°C ~ +70°C
Ambient humidity	35% ~ 95%
Protection grade	IP67
Shell material	nickel plated brass
Connection	1.5m PUR

PROXIMITY SWITCHES & SENSORS

INDUCTIVE TYPE - ROUND MODEL 3 WIRE

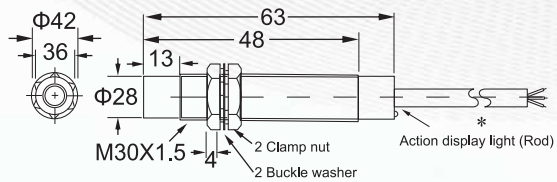
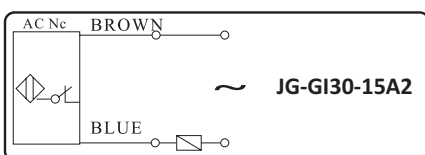
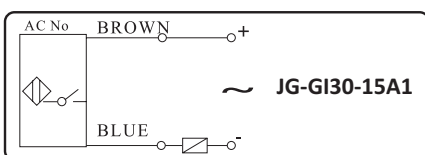
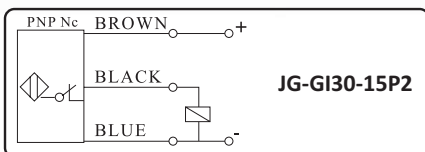
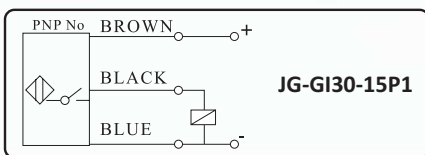
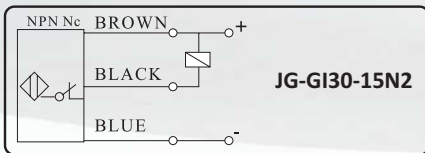
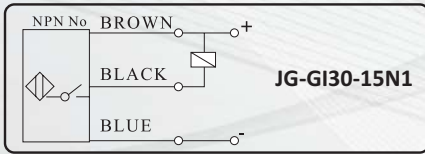


Technical parameters	
Set distance	0~8mm ±10%
Standard detected object	30x30x1mm
Power supply voltage	6-36 VDC / 90-250 VAC
Switching point offset	<±10%
Load current	<300mA
Drop	<2.5V
Consumption current	<10mA
Hysteresis range	1% ~ 20%
Repeated precision	<3%
Switching frequency	DC-200Hz / AC-25Hz
Output indicator	LED
Polarity protection	yes
Surge protection	yes
Short circuit protection	yes
Ambient temperature	-25°C ~ +70°C
Ambient humidity	35% ~ 95%
Protection grade	IP67
Shell material	nickel plated brass
Connection	1.5m PUR



PROXIMITY SWITCHES & SENSORS

INDUCTIVE TYPE - ROUND MODEL 3 WIRE



Technical parameters	
Set distance	0~15mm ±10%
Standard detected object	54x54x1mm
Power supply voltage	6-36 VDC / 90-250 VAC
Switching point offset	<±10%
Load current	<300mA
Drop	<2.5V
Consumption current	<10mA
Hysteresis range	1% ~ 20%
Repeated precision	<3%
Switching frequency	DC-200Hz / AC-25Hz
Output indicator	LED
Polarity protection	yes
Surge protection	yes
Short circuit protection	yes
Ambient temperature	-25°C ~ +70°C
Ambient humidity	35% ~ 95%
Protection grade	IP67
Shell material	nickel plated brass
Connection	1.5m PUR

PROXIMITY SWITCHES & SENSORS

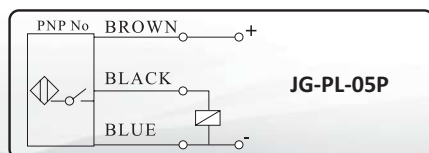
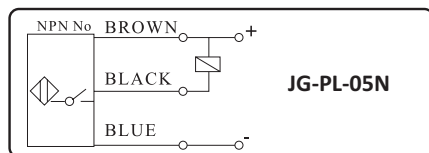
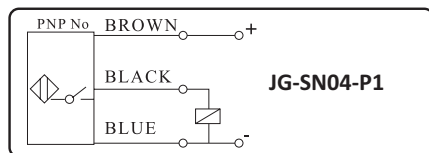
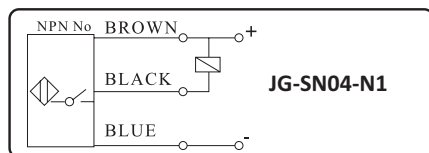
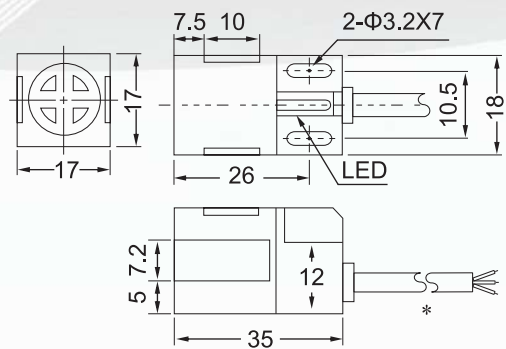
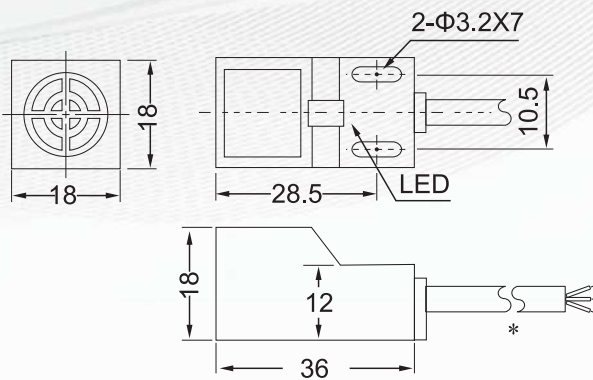
INDUCTIVE TYPE - RECTANGULAR



JG-SN04



JG-SN04



Technical parameters	JG-SN04	JG-PL
Set distance	0~4mm	0~5mm ±10%
Standard detected object	18x18x1mm	18x18x1mm
Power supply voltage	6-36 VDC / 90-250 VAC	6-36 VDC / 90-250 VAC
Switching point offset	<±10%	<±10%
Load current	<300mA	<300mA
Drop	<2.5V	<2.5V
Consumption current	<10mA	<10mA
Hysteresis range	1% ~ 20%	1% ~ 20%
Repeated precision	<3%	<3%
Switching frequency	DC-600Hz / AC-25Hz	DC-600Hz / AC-25Hz
Output indicator	LED	LED
Polarity protection	yes	yes
Surge protection	yes	yes
Short circuit protection	yes	yes
Ambient temperature	-25°C ~ +70°C	-25°C ~ +70°C
Ambient humidity	35% ~ 95%	35% ~ 95%
Protection grade	IP67	IP67
Shell material	ABS	ABS
Connection	1.5m PUR	1.5m PUR

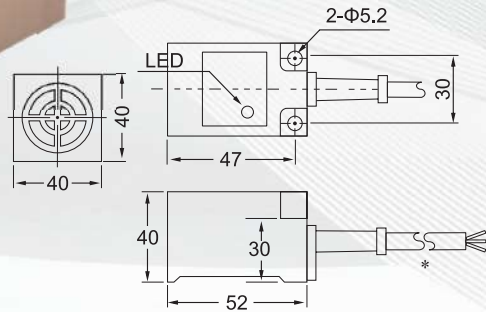


PROXIMITY SWITCHES & SENSORS

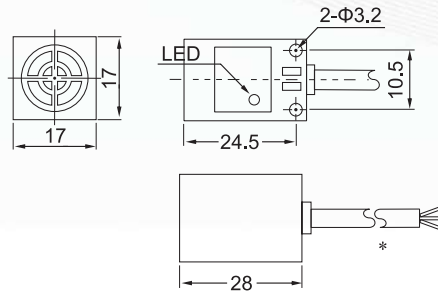
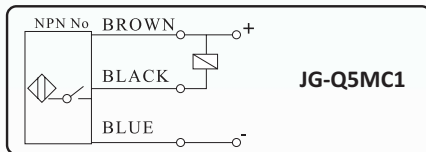
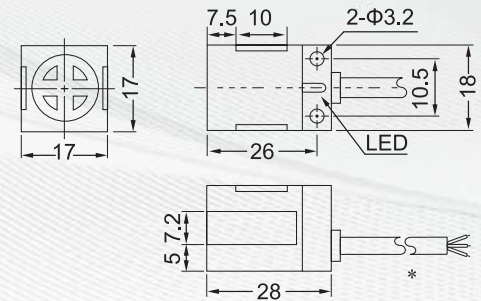
INDUCTIVE TYPE - RECTANGULAR



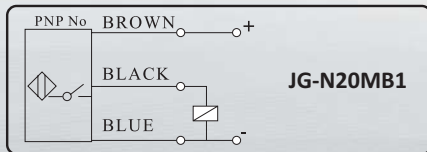
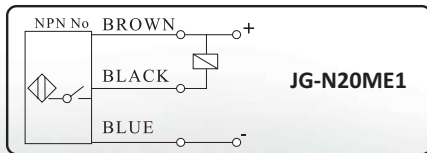
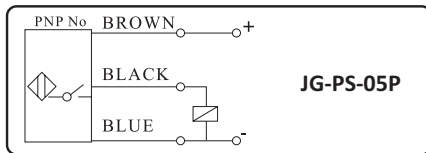
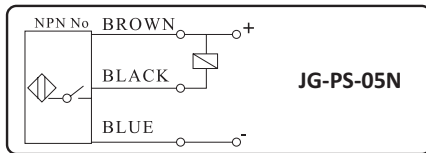
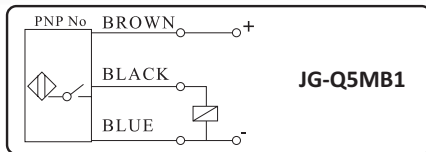
JG-N20M



JG-PS



JG-Q5M



Technical parameters	JG-N20M	JG-Q5M / JG-PS
Set distance	0~20mm±10%	0~5mm ±10%
Standard detected object	50X50x1mm	18x18x1mm
Power supply voltage	6-36 VDC / 90-250 VAC	6-36 VDC / 90-250 VAC
Switching point offset	<±10%	<±10%
Load current	<300mA	<300mA
Drop	<2.5V	<2.5V
Consumption current	<10mA	<10mA
Hysteresis range	1% ~ 20%	1% ~ 20%
Repeated precision	<3%	<3%
Switching frequency	DC-600Hz / AC-25Hz	DC-600Hz / AC-25Hz
Output indicator	LED	LED
Polarity protection	yes	yes
Surge protection	yes	yes
Short circuit protection	yes	yes
Ambient temperature	-25°C ~ +70°C	-25°C ~ +70°C
Ambient humidity	35% ~ 95%	35% ~ 95%
Protection grade	IP67	IP67
Shell material	ABS	ABS
Connection	1.5m PUR	1.5m PUR

PROXIMITY SWITCHES & SENSORS

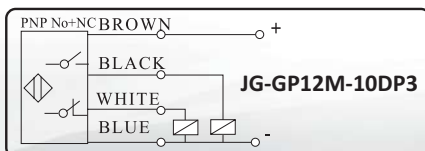
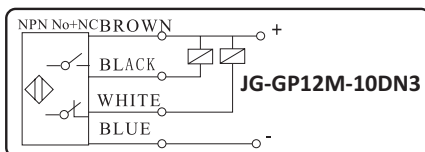
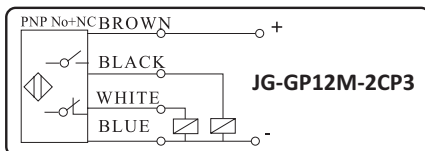
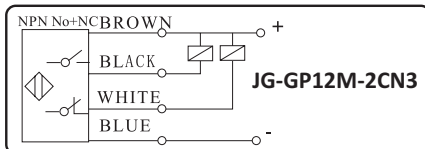
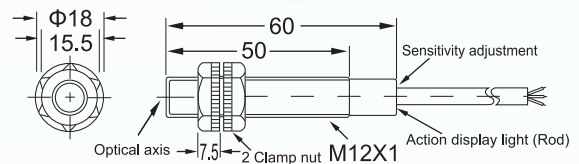
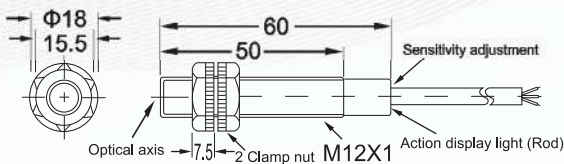
PHOTO ELECTRIC SENSOR - 12 mm



JG-GP12M-2C



JG-GP12M-10D



Technical parameters	JG-GP12M-2C	JG-GP12M-10D
Detection Range	2mm±10%	10mm ±10%
Detection Target	Non Transparent	Transparent / Non Transparent
Detection Range Regulation	Unadjustable	Unadjustable
Response time	1ms	1ms
Power supply voltage	6-36 VDC / 90-250 VAC	6-36 VDC / 90-250 VAC
Light Source	LED(880nm)	LED(880nm)
Load current	<300mA	<300mA
Drop	<2.5V	<2.5V
Consumption current	<25mA	<25mA
Hysteresis range	3% ~ 20%	3% ~ 20%
Repeated precision	<5%	<5%
Output indicator	LED	LED
Polarity protection	yes	yes
Surge protection	yes	yes
Short circuit protection	yes	yes
Ambient temperature	-25°C ~ +55°C	-25°C ~ +55°C
Ambient humidity	35% ~ 95%	35% ~ 95%
Protection grade	IP67	IP67
Shell material	Nickel Plated Brass	Nickel Plated Brass
Connection	1.5m PUR	1.5m PUR

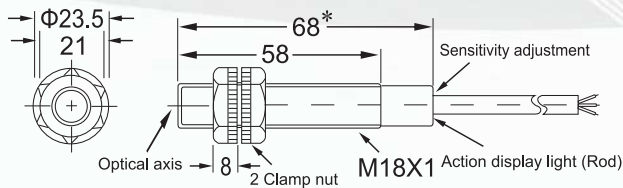


PROXIMITY SWITCHES & SENSORS

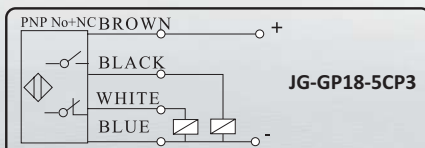
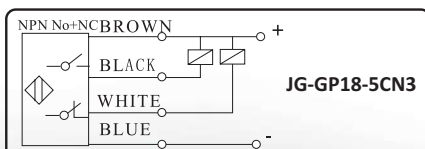
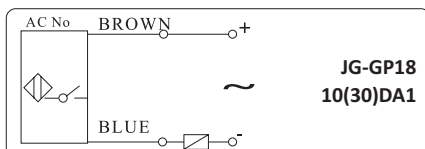
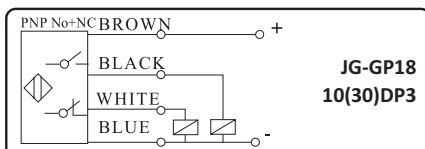
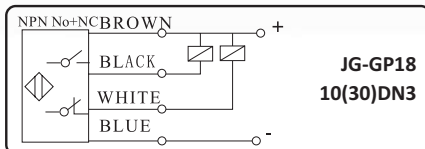
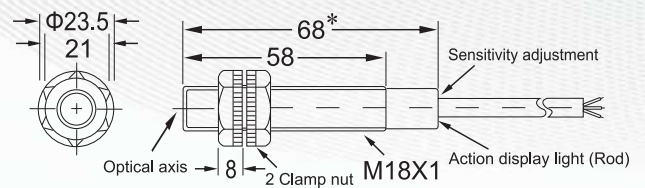
PHOTO ELECTRIC SENSOR - 18mm (Diffuse & through Beam)



JG-GP18-10(30)



JG-GP18-5C



Technical parameters	JG-GP18-10(30)	JG-GP18-5C
Detection Range	10-30cm±10%	5m ±10%
Detection Target	Non Transparent	Non Transparent
Detection Range Regulation	Adjustable	Unadjustable
Response time	1ms	1ms
Power supply voltage	6-36 VDC / 90-250 VAC	6-36 VDC / 90-250 VAC
Light Source	LED(880nm)	LED(880nm)
Load current	<300mA	<300mA
Drop	<2.5V	<2.5V
Consumption current	<25mA	<25mA
Hysteresis range	3% ~ 20%	3% ~ 20%
Repeated precision	<5%	<5%
Output indicator	LED	LED
Polarity protection	yes	yes
Surge protection	yes	yes
Short circuit protection	yes	yes
Ambient temperature	-25°C ~ +55°C	-25°C ~ +55°C
Ambient humidity	35% ~ 95%	35% ~ 95%
Protection grade	IP67	IP67
Shell material	ABS	ABS
Connection	1.5m PUR	1.5m PUR

PROXIMITY SWITCHES & SENSORS

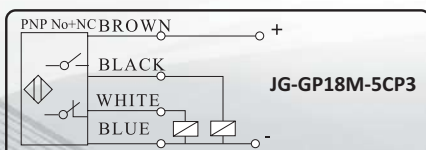
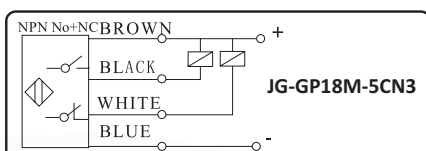
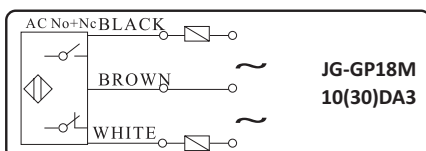
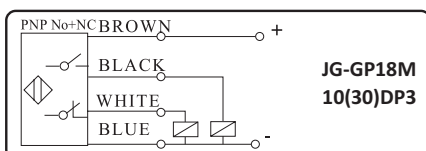
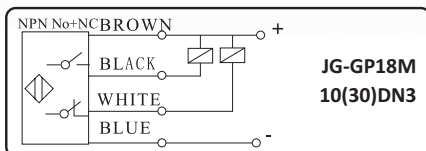
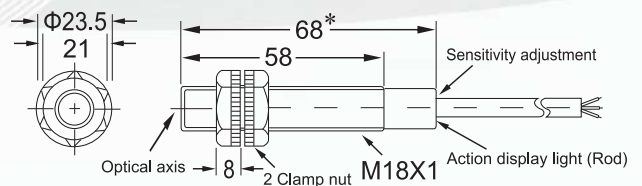
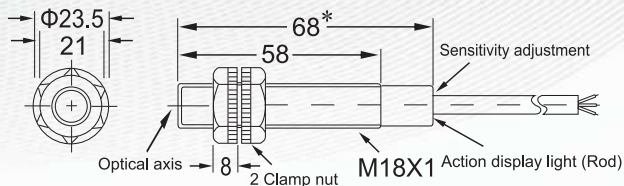
PHOTO ELECTRIC SENSOR - 18mm (Metal) (Diffuse & through Beam)



JG-GP18M-10(30)



JG-GP18M-5C



Technical parameters	JG-GP18M-10(30)	JG-GP18M-5C
Detection Range	10-30cm±10%	5m ±10%
Detection Target	Non Transparent	Non Transparent
Detection Range Regulation	Unadjustable	Unadjustable
Response time	1ms	1ms
Power supply voltage	6-36 VDC / 90-250 VAC	6-36 VDC / 90-250 VAC
Light Source	LED(880nm)	LED(880nm)
Load current	<300mA	<300mA
Drop	<2.5V	<2.5V
Consumption current	<25mA	<25mA
Hysteresis range	3% ~ 20%	3% ~ 20%
Repeated precision	<5%	<5%
Output indicator	LED	LED
Polarity protection	yes	yes
Surge protection	yes	yes
Short circuit protection	yes	yes
Ambient temperature	-25°C ~ +55°C	-25°C ~ +55°C
Ambient humidity	35% ~ 95%	35% ~ 95%
Protection grade	IP67	IP67
Shell material	Nickel Plated Brass	Nickel Plated Brass
Connection	1.5m PUR	1.5m PUR



PROXIMITY SWITCHES & SENSORS

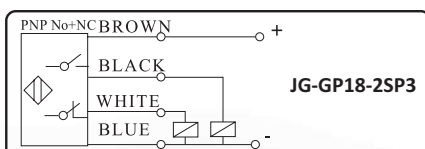
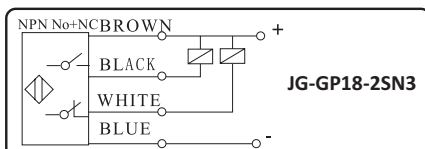
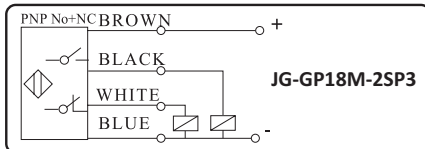
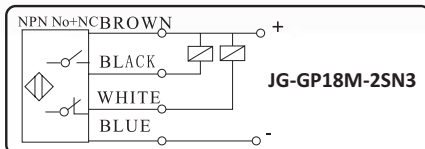
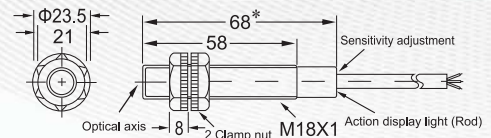
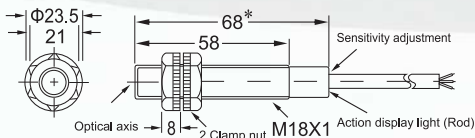
PHOTO ELECTRIC SENSOR - 18mm (Reflector)



JG-GP18M-2S



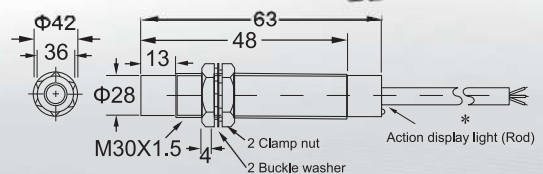
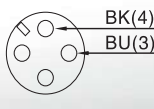
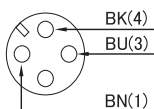
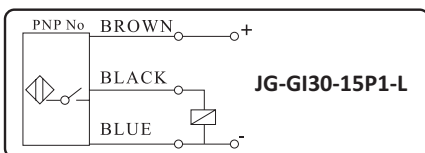
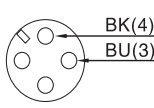
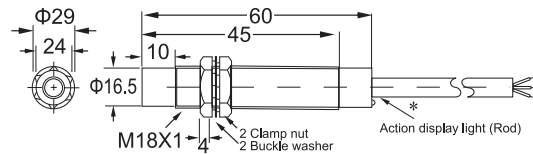
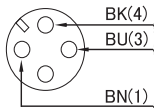
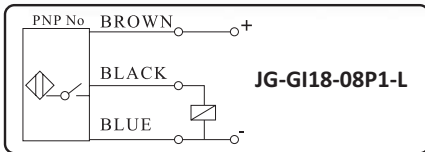
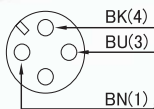
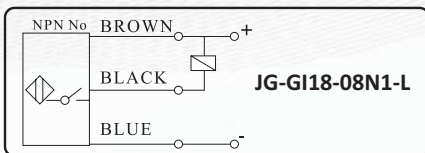
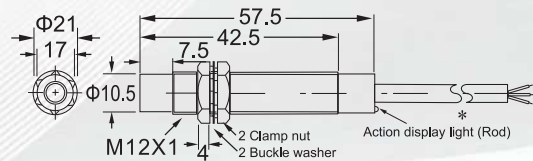
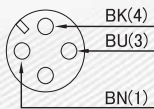
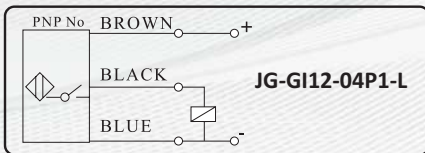
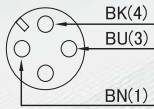
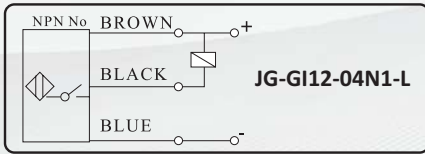
JG-GP18-2S



Technical parameters	JG-GP18M-2S	JG-GP18-2S
Detection Range	2m±10%	5m ±10%
Detection Target	Non Transparent	Non Transparent
Detection Range Regulation	Adjustable	Adjustable
Response time	1ms	1ms
Power supply voltage	6-36 VDC / 90-250 VAC	6-36 VDC / 90-250 VAC
Light Source	LED(880nm)	LED(880nm)
Load current	<300mA	<300mA
Drop	<2.5V	<2.5V
Consumption current	<25mA	<25mA
Hysteresis range	3% ~ 20%	3% ~ 20%
Repeated precision	<5%	<5%
Output indicator	LED	LED
Polarity protection	yes	yes
Surge protection	yes	yes
Short circuit protection	yes	yes
Ambient temperature	-25°C ~ +55°C	-25°C ~ +55°C
Ambient humidity	35% ~ 95%	35% ~ 95%
Protection grade	IP67	IP67
Shell material	Nickel Plated Brass	ABS
Connection	1.5m PUR	1.5m PUR

PROXIMITY SWITCHES & SENSORS

INDUCTIVE TYPE - CONNECTOR SERIES



PROXIMITY SWITCHES & SENSORS

INDUCTIVE TYPE - CAPACITIVE

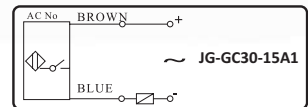
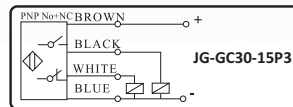
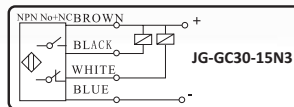
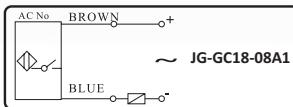
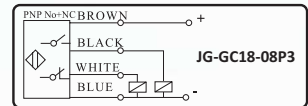
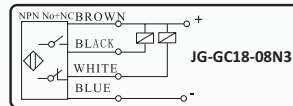
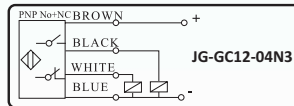
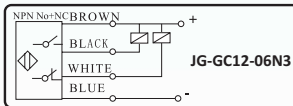
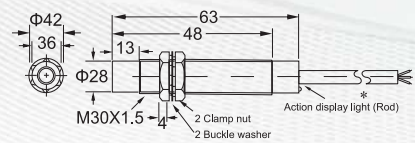
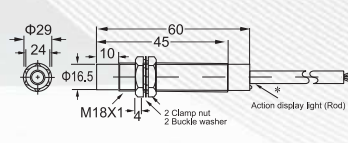
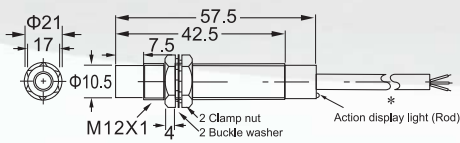
JG-GC12



JG-GC118



JG-GC30



Technical parameters	JG-GC12	JG-GC18	JG-GC30
Set distance	0~6mm ±10%	0~8mm ±10%	0~15mm ±10%
Standard detected object	15x15x1 mm	30x30x1 mm	
Power supply voltage	6-36 VDC / 90-250 VAC	6-36 VDC / 90-250 VAC	6-36 VDC / 90-250 VAC
Switching point offset	<±10%	<±10%	
Load current	<300mA	<300mA	<300mA
Drop	<2.5V	<2.5V	
Consumption current	<10mA	<10mA	<10mA
Hysteresis range	1% ~ 20%	1% ~ 20%	
Repeated precision	<3%	<3%	<3%
Switching frequency	DC-400Hz / AC-25Hz	DC-200Hz / AC-25Hz	
Output indicator	LED	LED	LED
Polarity protection	yes	yes	
Surge protection	yes	yes	yes
Short circuit protection	yes	yes	
Ambient temperature	-25°C ~ +70°C	-25°C ~ +70°C	-25°C ~ +70°C
Ambient humidity	35% ~ 95%	35% ~ 95%	
Protection grade	IP67	IP67	IP67
Shell material	Nickle Plated Brass	Nickle Plated Brass	
Connection	1.5m PUR	1.5m PUR	1.5m PUR