

Type and meaning

G 18 - 3 A 10 N A □
1 2 3 4 5 6 7 8

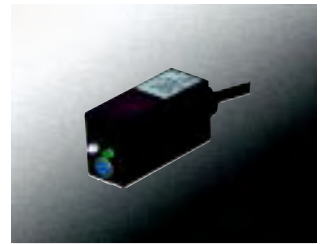
- 1: G: Photoelectric sensor
- 2: Sub code No.
18, 50, 76.....
- 3: Operating voltage:
2: 90-250VAC 3: 10-30VDC
4: 12-240VDC/24-240VAC
5: Special voltage
- 4: Detection method
A: Diffuse type
B: Mirror reflex type
C: Through beam type
- 5: Detection distance
05: 5cm 10: 10cm
30: 30cm 101: 10m
- 6: Output method
N: NPN transistor output
P: PNP transistor output
J: Relay output
L: AC two-line output
S: NPN+PNP
- 7: Output status
A: NO
B: NC
C: NO+NC
- 8: Auxil function code
T1: Front delay
T2: Rear delay
Y: Oil proof
T: With connector
I: Special requirement



G12 P7-3



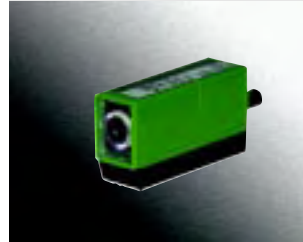
G14 P7-3



G15 P7-3



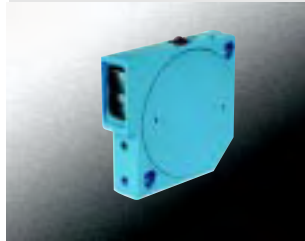
G16 P7-3



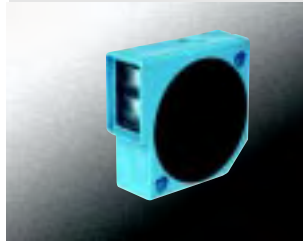
G17 P7-4



G18 P7-4



G23 P7-4



G24 P7-5



G25 P7-5



G26 P7-5



G30 P7-6



G33 P7-6



G35 P7-6



G36 P7-7



G40 P7-7










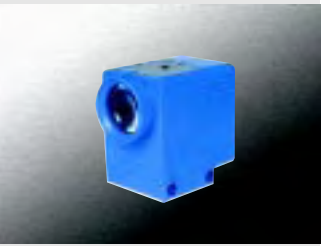
















G44 P7-7

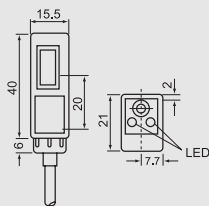
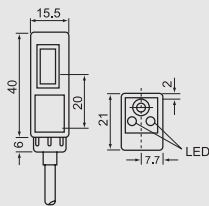
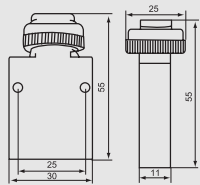
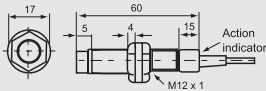


G50 P7-7

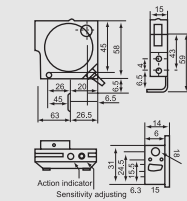
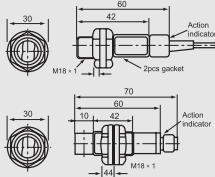
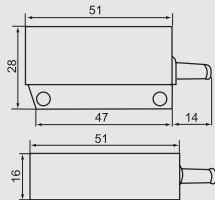


G54 P7-8

			
G55 P7-8	G64 P7-8	G68 P7-8	G70 P7-9
			
G71 P7-9	G180 P7-9	G75 P7-10	G76 P7-10
			
G77 P7-10	G78 P7-12	G80 P7-12	G85 P7-12
			
G90 P7-12	G100 P7-13	G110 P7-13	G139 P7-13
			
			

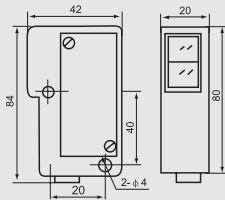
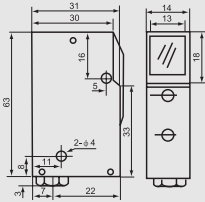
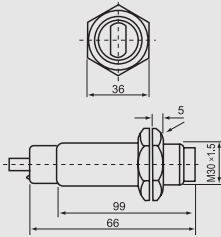


Model No.	Detection distance	Operating voltage	Output		Response time	Detection method
			Method	Status		
G12-3A07NA	7m	DC10-30V	NPN	NO	<2ms	Diffusetype
G12-3A07NB	7m	DC10-30V	NPN	NC	<2ms	Diffusetype
G12-3A07PA	7m	DC10-30V	PNP	NO	<2ms	Diffusetype
G12-3A07PB	7m	DC10-30V	PNP	NC	<2ms	Diffusetype
G12-3B1NA	1m	DC10-30V	NPN	NO	<2ms	Mirrorreflextype
G12-3B1NB	1m	DC10-30V	NPN	NC	<2ms	Mirrorreflextype
G12-3B1PA	1m	DC10-30V	PNP	NO	<2ms	Mirrorreflextype
G12-3B1PB	1m	DC10-30V	PNP	NC	<2ms	Mirrorreflextype
G12-3C3NA	3m	DC10-30V	NPN	NO	<2ms	Throughbeam
G12-3C3NB	3m	DC10-30V	NPN	NC	<2ms	Throughbeam
G12-3C3PA	3m	DC10-30V	PNP	NO	<2ms	Throughbeam
G12-3C3PB	3m	DC10-30V	PNP	NC	<2ms	Throughbeam
G14-3A10NA	10cm	DC10-30V	NPN	NO	<2ms	Diffusetype
G14-3A10NB	10cm	DC10-30V	NPN	NC	<2ms	Diffusetype
G14-3A10PA	10cm	DC10-30V	PNP	NO	<2ms	Diffusetype
G14-3A10PB	10cm	DC10-30V	PNP	NC	<2ms	Diffusetype
G14-3B1NA	1m	DC10-30V	NPN	NO	<2ms	Mirrorreflextype
G14-3B1NB	1m	DC10-30V	NPN	NC	<2ms	Mirrorreflextype
G14-3B1PA	1m	DC10-30V	PNP	NO	<2ms	Mirrorreflextype
G14-3B1PB	1m	DC10-30V	PNP	NC	<2ms	Mirrorreflextype
G14-3C3NA	3m	DC10-30V	NPN	NO	<2ms	Throughbeam
G14-3C3NB	3m	DC10-30V	NPN	NC	<2ms	Throughbeam
G14-3C3PA	3m	DC10-30V	PNP	NO	<2ms	Throughbeam
G14-3C3PB	3m	DC10-30V	PNP	NC	<2ms	Throughbeam
G15-3A10NA	10cm	DC10-30V	NPN	NO	<2ms	Diffusetype
G15-3A10NB	10cm	DC10-30V	NPN	NC	<2ms	Diffusetype
G15-3A10PA	10cm	DC10-30V	PNP	NO	<2ms	Diffusetype
G15-3A10PB	10cm	DC10-30V	PNP	NC	<2ms	Diffusetype
G15-3B1NA	1m	DC10-30V	NPN	NO	<2ms	Mirrorreflextype
G15-3B1NB	1m	DC10-30V	NPN	NC	<2ms	Mirrorreflextype
G15-3B1PA	1m	DC10-30V	PNP	NO	<2ms	Mirrorreflextype
G15-3B1PB	1m	DC10-30V	PNP	NC	<2ms	Mirrorreflextype
G15-3C3NA	3m	DC10-30V	NPN	NO	<2ms	Throughbeam
G15-3C3NB	3m	DC10-30V	NPN	NC	<2ms	Throughbeam
G15-3C3PA	3m	DC10-30V	PNP	NO	<2ms	Throughbeam
G15-3C3PB	3m	DC10-30V	PNP	NC	<2ms	Throughbeam
G16-3A10NA	10cm	DC10-30V	NPN	NO	<2mS	Diffusetype
G16-3A10NB	10cm	DC10-30V	NPN	NC	<2mS	Diffusetype
G16-3A10PA	10cm	DC10-30V	PNP	NO	<2mS	Diffusetype
G16-3A10PB	10cm	DC10-30V	PNP	NC	<2mS	Diffusetype
G16-3B1NA	1m	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G16-3B1NB	1m	DC10-30V	NPN	NC	<2mS	Mirrorreflextype
G16-3B1PA	1m	DC10-30V	PNP	NO	<2mS	Mirrorreflextype
G16-3B1PB	1m	DC10-30V	PNP	NC	<2mS	Mirrorreflextype

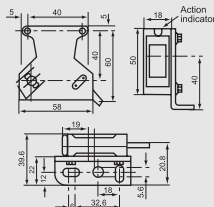
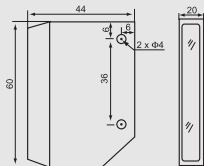
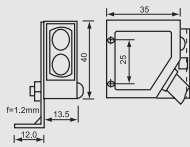
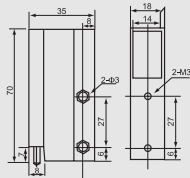


Model No.	Detection distance	Operating voltage	Output		Response time	Detection method
			Method	Status		
G17-3A30NA	30cm	DC10-30V	NFN	NO	<2mS	Diffusetype
G17-3A30NB	30cm	DC10-30V	NFN	NC	<2mS	Diffusetype
G17-3A30PA	30cm	DC10-30V	FNP	NO	<2mS	Diffusetype
G17-3A30PB	30cm	DC10-30V	FNP	NC	<2mS	Diffusetype
G17-3B2NA	2m	DC10-30V	NFN	NO	<2mS	Mirrorreflextype
G17-3B2NB	2m	DC10-30V	NFN	NC	<2mS	Mirrorreflextype
G17-3B2PA	2m	DC10-30V	FNP	NO	<2mS	Mirrorreflextype
G17-3B2PB	2m	DC10-30V	FNP	NC	<2mS	Mirrorreflextype
G17-3C3NA	3m	DC10-30V	NFN	NO	<2mS	Throughbeam
G17-3C3NB	3m	DC10-30V	NFN	NC	<2mS	Throughbeam
G17-3C3PA	3m	DC10-30V	FNP	NO	<2mS	Throughbeam
G17-3C3PB	3m	DC10-30V	FNP	NC	<2mS	Throughbeam
G18-3A10NA	10cm	DC10-30V	NFN	NO	<2mS	Diffusetype
G18-3A10NB	10cm	DC10-30V	NFN	NC	<2mS	Diffusetype
G18-3A10NC	10cm	DC10-30V	NFN	NO+NC	<2mS	Diffusetype
G18-3A10PA	10cm	DC10-30V	FNP	NO	<2mS	Diffusetype
G18-3A10PB	10cm	DC10-30V	FNP	NO	<2mS	Diffusetype
G18-3A10PC	10cm	DC10-30V	FNP	NO+NC	<2mS	Diffusetype
G18-2A10LA	10cm	AC90-250V	SCR	NO	<20mS	Diffusetype
G18-2A10LB	10cm	AC90-250V	SCR	NC	<20mS	Diffusetype
G18-3B2NA	2m	DC10-30V	NFN	NO	<2mS	Mirrorreflextype
G18-3B2NB	2m	DC10-30V	NFN	NC	<2mS	Mirrorreflextype
G18-3B2NC	2m	DC10-30V	NFN	NO+NC	<2mS	Mirrorreflextype
G18-3B2PA	2m	DC10-30V	FNP	NO	<2mS	Mirrorreflextype
G18-3B2PB	2m	DC10-30V	FNP	NC	<2mS	Mirrorreflextype
G18-3B2PC	2m	DC10-30V	FNP	NO+NC	<2mS	Mirrorreflextype
G18-2B2LA	2m	AC90-250V	SCR	NO	<20mS	Mirrorreflextype
G18-2B2LB	2m	AC90-250V	SCR	NC	<20mS	Mirrorreflextype
G18-3C5NA	5m	DC10-30V	NFN	NO	<2mS	Throughbeam
G18-3C5NB	5m	DC10-30V	NFN	NC	<2mS	Throughbeam
G18-3C5NC	5m	DC10-30V	NFN	NO+NC	<2mS	Throughbeam
G18-3C5PA	5m	DC10-30V	FNP	NO	<2mS	Throughbeam
G18-3C5PB	5m	DC10-30V	FNP	NC	<2mS	Throughbeam
G18-3C5PC	5m	DC10-30V	FNP	NO+NC	<2mS	Throughbeam
G18-2C5LA	5m	AC90-250V	SCR	NO	<20mS	Throughbeam
G18-2C5LB	5m	AC90-250V	SCR	NC	<20mS	Throughbeam
G23-3A10NA	10cm-50cm	DC10-30V	NFN	NO	<2mS	Diffusetype
G23-3A10NB	10cm-50cm	DC10-30V	NFN	NC	<2mS	Diffusetype
G23-3A10PA	10cm-50cm	DC10-30V	FNP	NO	<2mS	Diffusetype
G23-3A10PB	10cm-50cm	DC10-30V	FNP	NC	<2mS	Diffusetype
G23-3B2NA	2m	DC10-30V	NFN	NO	<2mS	Mirrorreflextype
G23-3B2NB	2m	DC10-30V	NFN	NC	<2mS	Mirrorreflextype
G23-3B2PA	2m	DC10-30V	FNP	NO	<2mS	Mirrorreflextype
G23-3B2PB	2m	DC10-30V	FNP	NC	<2mS	Mirrorreflextype
G23-3C5NA	5m	DC10-30V	NFN	NO	<2mS	Throughbeam
G23-3C5NB	5m	DC10-30V	NFN	NC	<2mS	Throughbeam
G23-3C5PA	5m	DC10-30V	FNP	NO	<2mS	Throughbeam
G23-3C5PB	5m	DC10-30V	FNP	NC	<2mS	Throughbeam

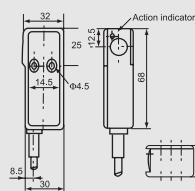
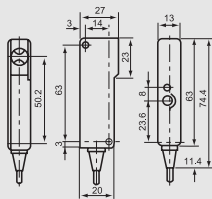
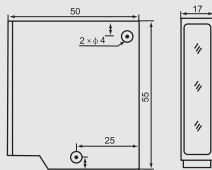
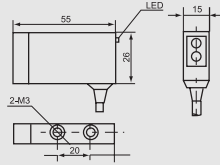




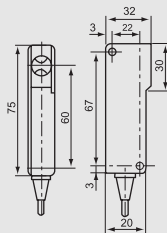
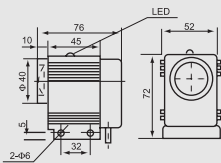
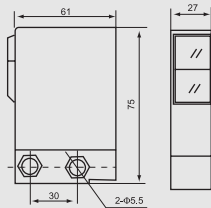
Model No.	Detection distance	Operating voltage	Output		Response time	Detection method
			Method	Status		
G30-3A70NA	20-100cm	DC10-30V	NFN	NO	<2mS	Diffusetype
G30-3A70NB	20-100cm	DC10-30V	NFN	NC	<2mS	Diffusetype
G30-3A70NC	20-100cm	DC10-30V	NFN	NO+NC	<2mS	Diffusetype
G30-3A70PA	20-100cm	DC10-30V	FNP	NO	<2mS	Diffusetype
G30-3A70PB	20-100cm	DC10-30V	FNP	NC	<2mS	Diffusetype
G30-3A70PC	20-100cm	DC10-30V	FNP	NO+NC	<2mS	Diffusetype
G30-2A70LA	20-100cm	AC90-250V	SCR	NO	<20mS	Diffusetype
G30-2A70LB	20-100cm	AC90-250V	SCR	NC	<20mS	Diffusetype
G30-3B3NA	3-5cm	DC10-30V	NFN	NO	<2mS	Mirrorreflextype
G30-3B3NB	3-5cm	DC10-30V	NFN	NC	<2mS	Mirrorreflextype
G30-3B3NC	3-5cm	DC10-30V	NFN	NO+NC	<2mS	Mirrorreflextype
G30-3B3PA	3-5cm	DC10-30V	FNP	NO	<2mS	Mirrorreflextype
G30-3B3PB	3-5cm	DC10-30V	FNP	NC	<2mS	Mirrorreflextype
G30-3B3PC	3-5cm	DC10-30V	FNP	NO+NC	<2mS	Mirrorreflextype
G30-2B3LA	3-5cm	AC90-250V	SCR	NO	AC<20mS	Mirrorreflextype
G30-2B3LB	3-5cm	AC90-250V	SCR	NC	AC<20mS	Mirrorreflextype
G30-3C101NA	10m	DC10-30V	NFN	NO	<2mS	Throughbeam
G30-3C101NB	10m	DC10-30V	NFN	NC	<2mS	Throughbeam
G30-3C101NC	10m	DC10-30V	NFN	NO+NC	<2mS	Throughbeam
G30-3C101PA	10m	DC10-30V	FNP	NO	<2mS	Throughbeam
G30-3C101PB	10m	DC10-30V	FNP	NC	<2mS	Throughbeam
G30-3C101PC	10m	DC10-30V	FNP	NO+NC	<2mS	Throughbeam
G30-2C101LA	10m	AC90-250V	SCR	NO	<20mS	Throughbeam
G33-3A10NA	10cm	DC10-30V	NFN	NO	<2mS	Diffusetype
G33-3A10NB	10cm	DC10-30V	NFN	NC	DC<20mS	Diffusetype
G33-3A10NC	10cm	DC10-30V	NFN	NO+NC	DC<20mS	Diffusetype
G33-3A10PA	10cm	DC10-30V	FNP	NO	DC<20mS	Diffusetype
G33-3A10PB	10cm	DC10-30V	FNP	NC	DC<20mS	Diffusetype
G33-3A10PC	10cm	DC10-30V	FNP	NO+NC	DC<20mS	Diffusetype
G33-3B1NA	1m	DC10-30V	NFN	NO	DC<20mS	Mirrorreflextype
G33-3B1NB	1m	DC10-30V	NFN	NC	DC<20mS	Mirrorreflextype
G33-3B1NC	1m	DC10-30V	NFN	NO+NC	DC<20mS	Mirrorreflextype
G33-3B1PA	1m	DC10-30V	FNP	NO	DC<20mS	Mirrorreflextype
G33-3B1PB	1m	DC10-30V	FNP	NC	DC<20mS	Mirrorreflextype
G33-3B1PC	1m	DC10-30V	FNP	NO+NC	DC<20mS	Mirrorreflextype
G33-3C3NA	3m	DC10-30V	NFN	NO	DC<20mS	Throughbeam
G33-3C3NB	3m	DC10-30V	NFN	NC	DC<20mS	Throughbeam
G33-3C3NC	3m	DC10-30V	NFN	NO+NC	DC<20mS	Throughbeam
G33-3C3PA	3m	DC10-30V	FNP	NO	DC<20mS	Throughbeam
G33-3C3PB	3m	DC10-30V	FNP	NC	DC<20mS	Throughbeam
G33-3C3PC	3m	DC10-30V	FNP	NO+NC	DC<20mS	Throughbeam
G35-3A50NA	50cm	DC10-30V	NFN	NO	<2mS	Diffusetype
G35-3A50NB	50cm	DC10-30V	NFN	NC	<2mS	Diffusetype
G35-3A50NC	50cm	DC10-30V	NFN	NO+NC	<2mS	Diffusetype
G35-3A50PA	50cm	DC10-30V	FNP	NO	<2mS	Diffusetype
G35-3A50PB	50cm	DC10-30V	FNP	NC	<2mS	Diffusetype
G35-3A50PC	50cm	DC10-30V	FNP	NO+NC	<2mS	Diffusetype
G35-2A50LA	50cm	AC90-250V	SCR	NO	AC<20mS	Diffusetype
G35-2A50LB	50cm	AC90-250V	SCR	NC	AC<20mS	Diffusetype
G35-3B3NA	3m	DC10-30V	NFN	NO	<2mS	Mirrorreflextype
G35-3B3NB	3m	DC10-30V	NFN	NC	<2mS	Mirrorreflextype
G35-3B3NC	3m	DC10-30V	NFN	NO+NC	<2mS	Mirrorreflextype
G35-3B3PA	3m	DC10-30V	FNP	NO	<2mS	Mirrorreflextype
G35-3B3PB	3m	DC10-30V	FNP	NC	<2mS	Mirrorreflextype
G35-3B3PC	3m	DC10-30V	FNP	NO+NC	<2mS	Mirrorreflextype
G35-2B3LA	3m	AC90-250V	SCR	NO	AC<20mS	Mirrorreflextype
G35-2B3LB	3m	AC90-250V	SCR	NC	AC<20mS	Mirrorreflextype
G35-3C5NA	5m	DC10-30V	NFN	NO	<2mS	Throughbeam
G35-3C5NB	5m	DC10-30V	NFN	NC	<2mS	Throughbeam
G35-3C5NC	5m	DC10-30V	NFN	NO+NC	<2mS	Throughbeam
G35-3C5PA	5m	DC10-30V	FNP	NO	<2mS	Throughbeam
G35-3C5PB	5m	DC10-30V	FNP	NC	<2mS	Throughbeam
G35-3C5PC	5m	DC10-30V	FNP	NO+NC	<2mS	Throughbeam
G35-2C5LA	5m	AC90-250V	SCR	NO	AC<20mS	Throughbeam
G35-2C5LB	5m	AC90-250V	SCR	NC	AC<20mS	Throughbeam



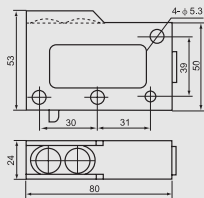
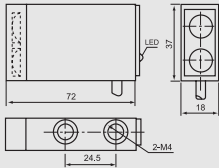
Model No.	Detection distance	Operating voltage	Output		Response time	Detection method
			Method	Status		
G36-3A20NA	20cm	DC10-30V	NPN	NO	<20mS	Diffusetype
G36-3A20NB	20cm	DC10-30V	NPN	NC	<20mS	Diffusetype
G36-3A20NC	20cm	DC10-30V	NPN	NO+NC	<20mS	Diffusetype
G36-3A20PA	20cm	DC10-30V	PNP	NO	<20mS	Diffusetype
G36-3A20PB	20cm	DC10-30V	PNP	NC	<20mS	Diffusetype
G36-3A20PC	20cm	DC10-30V	PNP	NO+NC	<20mS	Diffusetype
G36-3B2NA	2m	DC10-30V	NPN	NO	<20mS	Mirrorreflextype
G36-3B2NB	2m	DC10-30V	NPN	NC	<20mS	Mirrorreflextype
G36-3B2NC	2m	DC10-30V	NPN	NO+NC	<20mS	Mirrorreflextype
G36-3B2PA	2m	DC10-30V	PNP	NO	<20mS	Mirrorreflextype
G36-3B2PB	2m	DC10-30V	PNP	NC	<20mS	Mirrorreflextype
G36-3B2PC	2m	DC10-30V	PNP	NO+NC	<20mS	Mirrorreflextype
G36-3C5NA	5m	DC10-30V	NPN	NO	<20mS	Throughbeam
G36-3C5NB	5m	DC10-30V	NPN	NC	<20mS	Throughbeam
G36-3C5NC	5m	DC10-30V	NPN	NO+NC	<20mS	Throughbeam
G36-3C5PA	5m	DC10-30V	PNP	NO	<20mS	Throughbeam
G36-3C5PB	5m	DC10-30V	PNP	NC	<20mS	Throughbeam
G36-3C5PC	5m	DC10-30V	PNP	NO+NC	<20mS	Throughbeam
G40-3A10NA	G40-3A10NA	DC10-30V	NPN	NO	<2mS	Diffusetype
G40-3A10NB	G40-3A10NB	DC10-30V	NPN	NC	<2mS	Diffusetype
G40-3A10PA	G40-3A10PA	DC10-30V	PNP	NO	<2mS	Diffusetype
G40-3A10PB	G40-3A10PB	DC10-30V	PNP	NC	<2mS	Diffusetype
G44-3A30NA	30cm	DC10-30V	NPN	NO	<2mS	Diffusetype
G44-3A30NB	30cm	DC10-30V	NPN	NC	<2mS	Diffusetype
G44-3A30PA	30cm	DC10-30V	PNP	NO	<2mS	Diffusetype
G44-3A30PB	30cm	DC10-30V	PNP	NC	<2mS	Diffusetype
G44-3B3NA	3m	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G44-3B3NB	3m	DC10-30V	NPN	NC	<2mS	Mirrorreflextype
G44-3B3PA	3m	DC10-30V	PNP	NO	<2mS	Mirrorreflextype
G44-3B3PB	3m	DC10-30V	PNP	NC	<2mS	Mirrorreflextype
G44-3C5NA	5m	DC10-30V	NPN	NO	<2mS	Throughbeam
G44-3C5NB	5m	DC10-30V	NPN	NC	<2mS	Throughbeam
G44-3C5PA	5m	DC10-30V	PNP	NO	<2mS	Throughbeam
G44-3C5PB	5m	DC10-30V	PNP	NC	<2mS	Throughbeam
G50-3A30NA	30cm50cm	DC10-30V	NPN	NO	<2mS	Diffusetype
G50-3A30NB	30cm50cm	DC10-30V	NPN	NC	<2mS	Diffusetype
G50-3A30NC	30cm50cm	DC10-30V	NPN	NO+NC	<2mS	Diffusetype
G50-3A30PA	30cm50cm	DC10-30V	PNP	NO	<2mS	Diffusetype
G50-3A30PB	30cm50cm	DC10-30V	PNP	NC	<2mS	Diffusetype
G50-3A30PC	30cm50cm	DC10-30V	PNP	NO+NC	<2mS	Diffusetype
G50-3B4NA	4m	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G50-3B4NB	4m	DC10-30V	NPN	NC	<2mS	Mirrorreflextype
G50-3B4NC	4m	DC10-30V	NPN	NO+NC	<2mS	Mirrorreflextype
G50-3B4PA	4m	DC10-30V	PNP	NO	<2mS	Mirrorreflextype
G50-3B4PB	4m	DC10-30V	PNP	NC	<2mS	Mirrorreflextype
G50-3B4PC	4m	DC10-30V	PNP	NO+NC	<2mS	Mirrorreflextype
G50-3C5NA	5m	DC10-30V	NPN	NO	<2mS	Throughbeam
G50-3C5NB	5m	DC10-30V	NPN	NC	<2mS	Throughbeam
G50-3C5NC	5m	DC10-30V	NPN	NO+NC	<2mS	Throughbeam
G50-3C5PA	5m	DC10-30V	PNP	NO	<2mS	Throughbeam
G50-3C5PB	5m	DC10-30V	PNP	NC	<2mS	Throughbeam
G50-3C5PC	5m	DC10-30V	PNP	NO+NC	<2mS	Throughbeam
G50-2C5LA	5m	AC90-250V	SCR	NO	<2mS	Throughbeam



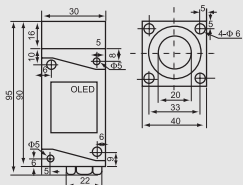
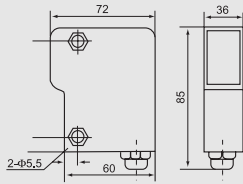
Model No.	Detection distance	Operating voltage	Output		Response time	Detection method
			Method	Status		
G54-3A20NA	20cm	DC10-30V	NPN	NO	<2mS	Diffusetype
G54-3A20NB	20cm	DC10-30V	NPN	NC	<2mS	Diffusetype
G54-3A20NC	20cm	DC10-30V	NPN	NO+NC	<2mS	Diffusetype
G54-3A20PA	20cm	DC10-30V	PNP	NO	<2mS	Diffusetype
G54-3A20PB	20cm	DC10-30V	PNP	NC	<2mS	Diffusetype
G54-3A20PC	20cm	DC10-30V	PNP	NO+NC	<2mS	Diffusetype
G54-3B2NA	2m	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G54-3B2NB	2m	DC10-30V	NPN	NC	<2mS	Mirrorreflextype
G54-3B2NC	2m	DC10-30V	NPN	NO+NC	<2mS	Mirrorreflextype
G54-3B2PA	2m	DC10-30V	PNP	NO	<2mS	Mirrorreflextype
G54-3B2PB	2m	DC10-30V	PNP	NC	<2mS	Mirrorreflextype
G54-3B2PC	2m	DC10-30V	PNP	NO+NC	<2mS	Mirrorreflextype
G54-3C5NA	5m	DC10-30V	NPN	NO	<2mS	Throughbeam
G54-3C5NB	5m	DC10-30V	NPN	NC	<2mS	Throughbeam
G54-3C5NC	5m	DC10-30V	NPN	NO+NC	<2mS	Throughbeam
G54-3C5PA	5m	DC10-30V	PNP	NO	<2mS	Throughbeam
G54-3C5PB	5m	DC10-30V	PNP	NC	<2mS	Throughbeam
G54-3C5PC	5m	DC10-30V	PNP	NO+NC	<2mS	Throughbeam
G55-3A20NA	20cm	DC10-30V	NPN	NO	<2mS	Diffusetype
G55-3A20NB	20cm	DC10-30V	NPN	NC	<2mS	Diffusetype
G55-3A20PA	20cm	DC10-30V	PNP	NO	<2mS	Diffusetype
G55-3A20PB	20cm	DC10-30V	PNP	NC	<2mS	Diffusetype
G55-3B2NA	20cm	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G55-3B2NB	2m	DC10-30V	NPN	NC	<2mS	Mirrorreflextype
G55-3B2PA	2m	DC10-30V	PNP	NO	<2mS	Mirrorreflextype
G55-3B2PB	2m	DC10-30V	PNP	NC	<2mS	Mirrorreflextype
G55-3C4NA	4m	DC10-30V	NPN	NO	<2mS	Throughbeam
G55-3C4NB	4m	DC10-30V	NPN	NC	<2mS	Throughbeam
G55-3C4PA	4m	DC10-30V	PNP	NO	<2mS	Throughbeam
G55-3C4PB	4m	DC10-30V	PNP	NC	<2mS	Throughbeam
G64-3A10NA	10cm	DC10-30V	NPN	NO	<2mS	Diffusetype
G64-3A10NB	10cm	DC10-30V	NPN	NC	<2mS	Diffusetype
G64-3A10NC	10cm	DC10-30V	NPN	NO+NC	<2mS	Diffusetype
G64-3A10PA	10cm	DC10-30V	PNP	NO	<2mS	Diffusetype
G64-3A10PB	10cm	DC10-30V	PNP	NC	<2mS	Diffusetype
G64-3A10PC	10cm	Diffusetype	PNP	NO+NC	<2mS	Diffusetype
G64-3B2NA	1.5m	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G64-3B2NB	1.5m	DC10-30V	NPN	NC	<2mS	Mirrorreflextype
G64-3B2NC	1.5m	DC10-30V	NPN	NO+NC	<2mS	Mirrorreflextype
G64-3B2PA	1.5m	DC10-30V	PNP	NO	<2mS	Mirrorreflextype
G64-3B2PB	1.5m	DC10-30V	PNP	NC	<2mS	Mirrorreflextype
G64-3B2PC	1.5m	DC10-30V	PNP	NO+NC	<2mS	Mirrorreflextype
G64-3C3NA	3m	DC10-30V	NPN	NO	<2mS	Throughbeam
G64-3C3NB	3m	DC10-30V	NPN	NC	<2mS	Throughbeam
G64-3C3NC	3m	DC10-30V	NPN	NO+NC	<2mS	Throughbeam
G64-3C3PA	3m	DC10-30V	PNP	NO	<2mS	Throughbeam
G64-3C3PB	3m	DC10-30V	PNP	NC	<2mS	Throughbeam
G64-3C3PC	3m	DC10-30V	PNP	NO+NC	<2mS	Throughbeam
G68-3C5NA	5m	DC10-30V	NPN	NO	<2mS	Throughbeam
G68-3C5NB	5m	DC10-30V	NPN	NC	<2mS	Throughbeam
G68-3C5NC	5m	DC10-30V	NPN	NO+NC	<2mS	Throughbeam
G68-3C5PA	5m	DC10-30V	PNP	NO	<2mS	Throughbeam
G68-3C5PB	5m	DC10-30V	PNP	NC	<2mS	Throughbeam
G68-3C5PC	5m	DC10-30V	PNP	NO+NC	<2mS	Throughbeam



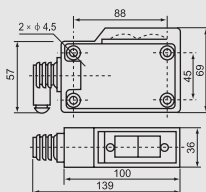
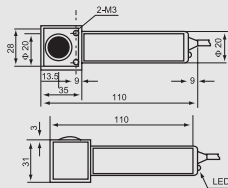
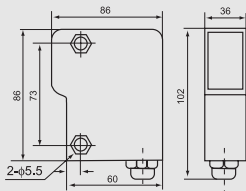
Model No.	Detection distance	Operating voltage	Output		Response time	Detection method
			Method	Status		
G75-3A80NA	80cm	DC10-30V	NFN	NO	<2mS	Diffusetype
G75-3A80NB	80cm	DC10-30V	NFN	NC	<2mS	Diffusetype
G75-3A80NC	80cm	DC10-30V	NFN	NO+NC	<2mS	Diffusetype
G75-3A80PA	80cm	DC10-30V	FNP	NO	<2mS	Diffusetype
G75-3A80PB	80cm	DC10-30V	FNP	NC	<2mS	Diffusetype
G75-3A80PC	80cm	DC10-30V	FNP	NO+NC	<2mS	Diffusetype
G75-2A80LA	80cm	AC90-250V	SCR	NO	<2mS	Diffusetype
G75-3B3NA	3m	DC10-30V	NFN	NO	<2mS	Mirrorreflextype
G75-3B3NB	3m	DC10-30V	NFN	NC	<2mS	Mirrorreflextype
G75-3B3NC	3m	DC10-30V	NFN	NO+NC	<2mS	Mirrorreflextype
G75-3B3PA	3m	DC10-30V	FNP	NO	<2mS	Mirrorreflextype
G75-3B3PB	3m	DC10-30V	FNP	NC	<2mS	Mirrorreflextype
G75-3B3PC	3m	DC10-30V	FNP	NO+NC	<2mS	Mirrorreflextype
G75-2B3LA	3m	AC90-250V	SCR	NO	<2mS	Mirrorreflextype
G75-3C8NA	8m	DC10-30V	NFN	NO	<2mS	Throughbeam
G75-3C8NB	8m	DC10-30V	NFN	NC	<2mS	Throughbeam
G75-3C8NC	8m	DC10-30V	NFN	NO+NC	<2mS	Throughbeam
G75-3C8PA	8m	DC10-30V	FNP	NO	<2mS	Throughbeam
G75-3C8PB	8m	DC10-30V	FNP	NC	<2mS	Throughbeam
G75-3C8PC	8m	DC10-30V	FNP	NO+NC	<2mS	Throughbeam
G75-2C8LA	8m	AC90-250V	SCR	NO	<2mS	Throughbeam
G76-3C101NA	10-50m	DC10-30V	NFN	NO	<2mS	Throughbeam
G76-3C101NB	10-50m	DC10-30V	NFN	NC	<2mS	Throughbeam
G76-3C101NC	10-50m	DC10-30V	NFN	NO+NC	<2mS	Throughbeam
G76-3C101PA	10-50m	DC10-30V	FNP	NO	<2mS	Throughbeam
G76-3C101PB	10-50m	DC10-30V	FNP	NC	<2mS	Throughbeam
G76-3C101PC	10-50m	DC10-30V	FNP	NO+NC	<2mS	Throughbeam
G76-2C101LA	10-50m	AC90-250V	SCR	NO	<20mS	Throughbeam
G77-3A30NA	30cm	DC10-30V	NFN	NO	<2mS	Diffusetype
G77-3A30NB	30cm	DC10-30V	NO+NC	NC	<2mS	Diffusetype
G77-3A30NC	30cm	DC10-30V	NFN	NO+NC	<2mS	Diffusetype
G77-3A30PA	30cm	DC10-30V	FNP	NO	<2mS	Diffusetype
G77-3A30PB	30cm	DC10-30V	FNP	NC	<2mS	Diffusetype
G77-3A30PC	30cm	DC10-30V	FNP	NO+NC	<2mS	Diffusetype
G77-2A30LA	30cm	AC90-250V	SCR	NO	<2mS	Diffusetype
G77-3B3NA	3m	DC10-30V	NFN	NO	<2mS	Mirrorreflextype
G77-3B3NB	3m	DC10-30V	NFN	NC	<2mS	Mirrorreflextype
G77-3B3NC	3m	DC10-30V	NFN	NO+NC	<2mS	Mirrorreflextype
G77-3B3PA	3m	DC10-30V	FNP	NO	<2mS	Mirrorreflextype
G77-3B3PB	3m	DC10-30V	FNP	NC	<2mS	Mirrorreflextype
G77-3B3PC	3m	DC10-30V	FNP	NO+NC	<2mS	Mirrorreflextype
G77-2B3LA	3m	AC90-250V	SCR	NO	<2mS	Mirrorreflextype
G77-3C5NA	5m	DC10-30V	NFN	NO	<2mS	Throughbeam
G77-3C5NB	5m	DC10-30V	NFN	NC	<2mS	Throughbeam
G77-3C5NC	5m	DC10-30V	NFN	NO+NC	<2mS	Throughbeam
G77-3C5PA	5m	DC10-30V	FNP	NO	<2mS	Throughbeam
G77-3C5PB	5m	DC10-30V	FNP	NC	<2mS	Throughbeam
G77-3C5PC	5m	DC10-30V	FNP	NO+NC	<2mS	Throughbeam
G77-2C5LA	5m	AC90-250V	SCR	NO	<2mS	Throughbeam



Model No.	Detection distance	Operating voltage	Output		Response time	Detection method
			Method	Status		
G78-3A40NA	40cm	DC10-30V	NPN	NO	<2mS	Diffusetype
G78-3A40NB	40cm	DC10-30V	NPN	NC	<2mS	Diffusetype
G78-3A40NC	40cm	DC10-30V	NPN	NO+NC	<2mS	Diffusetype
G78-3A40PA	40cm	DC10-30V	PNP	NO	<2mS	Diffusetype
G78-3A40PB	40cm	DC10-30V	PNP	NO	<2mS	Diffusetype
G78-3A40PC	40cm	DC10-30V	PNP	NO+NC	<2mS	Diffusetype
G78-2A40LA	40cm	AC90-250V	SCR	NO	<2mS	Diffusetype
G78-3B2NA	2m	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G78-3B2NB	2m	DC10-30V	NPN	NC	<2mS	Mirrorreflextype
G78-3B2NC	2m	DC10-30V	NPN	NO+NC	<2mS	Mirrorreflextype
G78-3B2PA	2m	DC10-30V	PNP	NO	<2mS	Mirrorreflextype
G78-3B2PB	2m	DC10-30V	PNP	NC	<2mS	Mirrorreflextype
G78-3B2PC	2m	DC10-30V	PNP	NO+NC	<2mS	Mirrorreflextype
G78-2B2LA	2m	AC90-250V	SCR	NO	<2mS	Mirrorreflextype
G78-3C5NA	5m	DC10-30V	NPN	NO	<2mS	Throughbeam
G78-3C5NB	5m	DC10-30V	NPN	NC	<2mS	Throughbeam
G78-3C5NC	5m	DC10-30V	NPN	NO+NC	<2mS	Throughbeam
G78-3C5PA	5m	DC10-30V	PNP	NO	<2mS	Throughbeam
G78-3C5PB	5m	DC10-30V	PNP	NC	<2mS	Throughbeam
G78-3C5PC	5m	DC10-30V	PNP	NO+NC	<2mS	Throughbeam
G78-2C5LA	5m	AC90-250V	SCR	NO	<2mS	Throughbeam
G80-3A80NA	80cm	DC10-30V	NPN	NO	<2mS	Diffusetype
G80-3A80NB	80cm	DC10-30V	NPN	NC	<2mS	Diffusetype
G80-3A80NC	80cm	DC10-30V	NPN	NO+NC	<2mS	Diffusetype
G80-3A80PA	80cm	DC10-30V	PNP	NO	<2mS	Diffusetype
G80-3A80PB	80cm	DC10-30V	PNP	NC	<2mS	Diffusetype
G80-3A80PC	80cm	DC10-30V	PNP	NO+NC	<2mS	Diffusetype
G80-2A80LA	80cm	AC90-250V	SCR	NO	<2mS	Diffusetype
G80-3B3NA	3m	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G80-3B3NB	3m	DC10-30V	NPN	NC	<2mS	Mirrorreflextype
G80-3B3NC	3m	DC10-30V	NPN	NO+NC	<2mS	Mirrorreflextype
G80-3B3PA	3m	DC10-30V	PNP	NO	<2mS	Mirrorreflextype
G80-3B3PB	3m	DC10-30V	PNP	NC	<2mS	Mirrorreflextype
G80-3B3PC	3m	DC10-30V	PNP	NO+NC	<2mS	Mirrorreflextype
G80-2B3LA	3m	AC90-250V	SCR	NO	<2mS	Mirrorreflextype
G80-3C5NA	5m	DC10-30V	NPN	NO	<2mS	Throughbeam
G80-3C5NB	5m	DC10-30V	NPN	NC	<2mS	Throughbeam
G80-3C5NC	5m	DC10-30V	NPN	NO+NC	<2mS	Throughbeam
G80-3C5PA	5m	DC10-30V	PNP	NO	<2mS	Throughbeam
G80-3C5PB	5m	DC10-30V	PNP	NC	<2mS	Throughbeam
G80-3C5PC	5m	DC10-30V	PNP	NO+NC	<2mS	Throughbeam
G80-2C5LA	5m	AC90-250V	SCR	NO	<2mS	Throughbeam



Model No.	Detection distance	Operating voltage	Output		Response time	Detection method
			Method	Status		
G85-3A1NA	1m	DC10-30V	NPN	NO	<2mS	Diffusetype
G85-3A1NB	1m	DC10-30V	NPN	NC	<2mS	Diffusetype
G85-3A1NC	1m	DC10-30V	NPN	NO+NC	<2mS	Diffusetype
G85-3A1PA	1m	DC10-30V	PNP	NO	<2mS	Diffusetype
G85-3A1PB	1m	DC10-30V	PNP	NC	<2mS	Diffusetype
G85-3A1PC	1m	DC10-30V	PNP	NO+NC	<2mS	Diffusetype
G85-2A1LA	1m	AC90-250V	SCR	NO	<2mS	Diffusetype
G85-3B5NA	5m	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G85-3B5NB	5m	DC10-30V	NPN	NC	<2mS	Mirrorreflextype
G85-3B5NC	5m	DC10-30V	NPN	NO+NC	<2mS	Mirrorreflextype
G85-3B5PA	5m	DC10-30V	PNP	NO	<2mS	Mirrorreflextype
G85-3B5PB	5m	DC10-30V	PNP	NC	<2mS	Mirrorreflextype
G85-3B5PC	5m	DC10-30V	PNP	NO+NC	<2mS	Mirrorreflextype
G85-2B5LA	5m	AC90-250V	SCR	NO	<2mS	Mirrorreflextype
G85-3C101NA	10m	DC10-30V	NPN	NO	<2mS	Throughbeam
G85-3C101NB	10m	DC10-30V	NPN	NC	<2mS	Throughbeam
G85-3C101NC	10m	DC10-30V	NPN	NO+NC	<2mS	Throughbeam
G85-3C101PA	10m	DC10-30V	PNP	NO	<2mS	Throughbeam
G85-3C101PB	10m	DC10-30V	PNP	NC	<2mS	Throughbeam
G85-3C101PC	10m	DC10-30V	PNP	NO+NC	<2mS	Throughbeam
G85-2C101LA	10m	AC90-250V	SCR	NO	<2mS	Throughbeam
G90-3A70NA	70cm	DC10-30V	NPN	NO	<2mS	Diffusetype
G90-3A70NB	70cm	DC10-30V	NPN	NC	<2mS	Diffusetype
G90-3A70NC	70cm	DC10-30V	NPN	NO+NC	<2mS	Diffusetype
G90-3A70PA	70cm	DC10-30V	PNP	NO	<2mS	Diffusetype
G90-3A70PB	70cm	DC10-30V	PNP	NC	<2mS	Diffusetype
G90-3A70PC	70cm	DC10-30V	PNP	NC	<2mS	Diffusetype
G90-2A70LA	70cm	AC90-250V	SCR	NO	<2mS	Diffusetype
G90-3B5NA	5m	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G90-3B5NB	5m	DC10-30V	NPN	NC	<2mS	Mirrorreflextype
G90-3B5NC	5m	DC10-30V	NPN	NO+NC	<2mS	Mirrorreflextype
G90-3B5PA	5m	DC10-30V	PNP	NO	<2mS	Mirrorreflextype
G90-3B5PB	5m	DC10-30V	PNP	NC	<2mS	Mirrorreflextype
G90-3B5PC	5m	DC10-30V	PNP	NO+NC	<2mS	Mirrorreflextype
G90-2B5LA	5m	AC90-250V	SCR	NO	<2mS	Mirrorreflextype
G90-3C101NA	10m	DC10-30V	NPN	NO	<2mS	Throughbeam
G90-3C101NB	10m	DC10-30V	NPN	NC	<2mS	Throughbeam
G90-3C101NC	10m	DC10-30V	NPN	NO+NC	<2mS	Throughbeam
G90-3C101PA	10m	DC10-30V	PNP	NO	<2mS	Throughbeam
G90-3C101PB	10m	DC10-30V	PNP	NC	<2mS	Throughbeam
G90-3C101PC	10m	DC10-30V	PNP	NC	<2mS	Throughbeam
G90-2C101LA	10m	AC90-250V	SCR	NO	<2mS	Throughbeam



Model No.	Detection distance	Operating voltage	Output		Response time	Detection method
			Method	Status		
G100-3A1NA	1m	DC10-30V	NPN	NO	<2mS	Diffusetype
G100-3A1NB	1m	DC10-30V	NPN	NC	<2mS	Diffusetype
G100-3A1NC	1m	DC10-30V	NPN	NO+NC	<2mS	Diffusetype
G100-3A1PA	1m	DC10-30V	PNP	NO	<2mS	Diffusetype
G100-3A1PB	1m	DC10-30V	PNP	NC	<2mS	Diffusetype
G100-3A1PC	1m	DC10-30V	PNP	NO+NC	<2mS	Diffusetype
G100-2A1LA	1m	AC90-250V	SCR	NO	<2mS	Diffusetype
G100-3B5NA	5m	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G100-3B5NB	5m	DC10-30V	NPN	NC	<2mS	Mirrorreflextype
G100-3B5NC	5m	DC10-30V	NPN	NO+NC	<2mS	Mirrorreflextype
G100-3B5PA	5m	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G100-3B5PB	5m	DC10-30V	PNP	NC	<2mS	Mirrorreflextype
G100-3B5PC	5m	DC10-30V	PNP	NO+NC	<2mS	Mirrorreflextype
G100-2B5LA	5m	AC90-250V	SCR	NO	<2mS	Mirrorreflextype
G100-3C101NA	10m	DC10-30V	NPN	NO	<2mS	Throughbeam
G100-3C101NB	10m	DC10-30V	NPN	NC	<2mS	Throughbeam
G100-3C101NC	10m	DC10-30V	NPN	NO+NC	<2mS	Throughbeam
G100-3C101PA	10m	DC10-30V	PNP	NO	<2mS	Throughbeam
G100-3C101PB	10m	DC10-30V	PNP	NC	<2mS	Throughbeam
G100-3C101PC	10m	DC10-30V	PNP	NO+NC	<2mS	Throughbeam
G100-2C101LA	10m	AC90-250V	SCR	NO	<2mS	Throughbeam
G110-3C5NA	5m	DC10-30V	NPN	NO	<2mS	Throughbeam
G110-3C5NB	5m	DC10-30V	NPN	NC	<2mS	Throughbeam
G110-3C5NC	5m	DC10-30V	NPN	NO+NC	<2mS	Throughbeam
G110-3C5PA	5m	DC10-30V	PNP	NO	<2mS	Throughbeam
G110-3C5PB	5m	DC10-30V	PNP	NC	<2mS	Throughbeam
G110-3C5PC	5m	DC10-30V	PNP	NO+NC	<2mS	Throughbeam
G110-2C5LA	5m	AC90-250V	SCR	NO	<2mS	Throughbeam
G139-3A1NA	1m	DC10-30V	NPN	NO	<2mS	Diffusetype
G139-3A1NB	1m	DC10-30V	NPN	NC	<2mS	Diffusetype
G139-3A1NC	1m	DC10-30V	NPN	NO+NC	<2mS	Diffusetype
G139-3A1PA	1m	DC10-30V	PNP	NO	<2mS	Diffusetype
G139-3A1PB	1m	DC10-30V	PNP	NC	<2mS	Diffusetype
G139-3A1PC	1m	DC10-30V	PNP	NO+NC	<2mS	Diffusetype
G139-2A1LA	1m	AC90-250V	SCR	NO	<2mS	Diffusetype
G139-3B5NA	5m	DC10-30V	NPN	NO	<2mS	Mirrorreflextype
G139-3B5NB	5m	DC10-30V	NPN	NC	<2mS	Mirrorreflextype
G139-3B5NC	5m	DC10-30V	NPN	NO+NC	<2mS	Mirrorreflextype
G139-3B5PA	5m	DC10-30V	PNP	NO	<2mS	Mirrorreflextype
G139-3B5PB	5m	DC10-30V	PNP	NC	<2mS	Mirrorreflextype
G139-3B5PC	5m	DC10-30V	PNP	NO+NC	<2mS	Mirrorreflextype
G139-2B5LA	5m	AC90-250V	SCR	NO	<2mS	Mirrorreflextype
G139-3C101NA	10m	DC10-30V	NPN	NO	<2mS	Throughbeam
G139-3C101NB	10m	DC10-30V	NPN	NC	<2mS	Throughbeam
G139-3C101PA	10m	DC10-30V	PNP	NO	<2mS	Throughbeam
G139-3C101PB	10m	DC10-30V	PNP	NC	<2mS	Throughbeam
G139-3C101PC	10m	DC10-30V	PNP	NO+NC	<2mS	Throughbeam
G139-2C101LA	10m	AC90-250V	SCR	NO	<2mS	Throughbeam