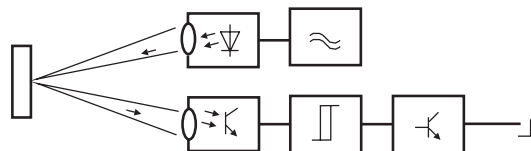


Photoelectrical sensors of the Gxx series are all-purpose switches used in machine systems and equipment for no contact surveillance of motion of elements. They are based on the photoelectric principle of operation – inside the sensor there is a photo signal emitter and receiver of the returned signal. There are three types of sensors: diffuse sensors, reflector sensors and emitter-receiver sensors. These types of sensors differ in the way of returning the signal. They allow for gearing distance adjustment. They are developed on the base of PNP and NPN transition. They have small dimensions and feature a metal cylindrical shell resistant to vibrations and a plastic lid which is oil and water resistant.

Technical features:

- * Insulating resistance: $\geq 50 \text{ M } \Omega$
- * Gearing distance: from 2 mm to 7 mm
- * Precision of repetition: 0.01
- * Ambient temperature: -25°C to $+70^{\circ}\text{C}$
- * Gearing speed: 5mm/s
- * Rated voltage: 6~36VDC; 90~230VAC
- * Protection degree: IP 67



EL-G12

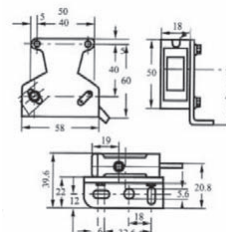
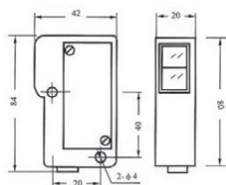
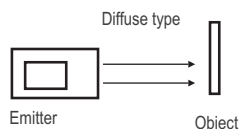
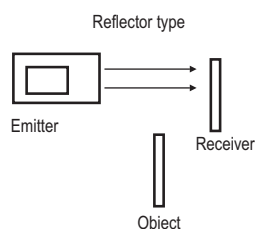
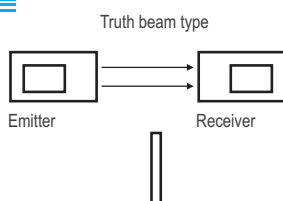
EL-G18

EL-G30

EL-G35

EL-G50

EL-BZJ



Type	Start distance	Power supply voltage	Type of transition	Type of contact	Type of sensor	Packing / Box (pcs)	Catalogue number
EL-G12-3A07NA	70 mm	24 VDC	NPN	$\varnothing 12; I=50$	Diffuse	1 / 100	46G12A071
EL-G12-3A07PA	70 mm	24 VDC	PNP	$\varnothing 12; I=50$	Diffuse	1 / 100	46G12A072
EL-G12-3B1NA	1 m	24 VDC	NPN	$\varnothing 12; I=50$	Reflector	1 / 100	46G123B11
EL-G12-3B1PA	1 m	24 VDC	PNP	$\varnothing 12; I=50$	Reflector	1 / 100	46G123B12
EL-G12-3C3NA	3 m	24 VDC	NPN	$\varnothing 12; I=50$	Truth beam	1 / 100	46G123C11
EL-G12-3C3PA	3 m	24 VDC	PNP	$\varnothing 12; I=50$	Truth beam	1 / 100	46G123C12

Type	Start distance	Power supply voltage	Type of transition	Type of contact	Type of sensor	Packing / Box (pcs)	Catalogue number
EL-G18-3A10NA	100 mm	24 VDC	NPN	$\varnothing 18; I=70$	Diffuse	1 / 100	46G18A101
EL-G18-3A10PA	100 mm	24 VDC	PNP	$\varnothing 18; I=70$	Diffuse	1 / 100	46G18A102
EL-G18-3B2NA	2 m	24 VDC	NPN	$\varnothing 18; I=70$	Reflector	1 / 100	46G183B11
EL-G18-3B2PA	2 m	24 VDC	PNP	$\varnothing 18; I=70$	Reflector	1 / 100	46G183B12
EL-G18-3C5NA	5 m	24 VDC	NPN	$\varnothing 18; I=70$	Truth beam	1 / 100	46G185C11
EL-G18-3C5PA	5 m	24 VDC	PNP	$\varnothing 18; I=70$	Truth beam	1 / 100	46G185C12

Type	Start distance	Power supply voltage	Type of transition	Type of contact	Type of sensor	Packing / Box (pcs)	Catalogue number
EL-G30-3A70NA	500 mm	24 VDC	NPN	$\varnothing 22; I=70$	Diffuse	1 / 100	46G30A101
EL-G30-3A70PA	500 mm	24 VDC	PNP	$\varnothing 22; I=70$	Diffuse	1 / 100	46G30A102
EL-G30-3B3NA	3 m	24 VDC	NPN	$\varnothing 22; I=70$	Reflector	1 / 100	46G303B11
EL-G30-3B3PA	3 m	24 VDC	PNP	$\varnothing 22; I=70$	Reflector	1 / 100	46G303B12
EL-G30-3C101NA	10 m	24 VDC	NPN	$\varnothing 22; I=70$	Truth beam	1 / 52	46G305C11
EL-G30-3C101PA	10 m	24 VDC	PNP	$\varnothing 22; I=70$	Truth beam	1 / 52	46G305C12

Type	Start distance	Power supply voltage	Type of transition	Type of contact	Type of sensor	Packing / Box (pcs)	Catalogue number
EL-G35-3A50NA	500 mm	24 VDC	NPN	NO	Diffuse	1 / 100	46G35A101
EL-G35-3A50PA	500 mm	24 VDC	PNP	NO	Diffuse	1 / 100	46G35A102
EL-G35-3B3NA	3 m	24 VDC	NPN	NO	Reflector	1 / 100	46G353B11
EL-G35-3B3PA	3 m	24 VDC	PNP	NO	Reflector	1 / 100	46G353B12
EL-G35-3C5NA	5 m	24 VDC	NPN	NO	Truth beam	1 / 50	46G355C11
EL-G35-3C5PA	5 m	24 VDC	PNP	NO	Truth beam	1 / 50	46G355C12

Type	Start distance	Power supply voltage	Type of transition	Type of contact	Type of sensor	Packing / Box (pcs)	Catalogue number
EL-G50-3A30NA	500 mm	24 VDC	NPN	NO	Diffuse	1 / 100	46G50A101
EL-G50-3A30PA	500 mm	24 VDC	PNP	NO	Diffuse	1 / 100	46G50A102
EL-G50-3B4NA	4 m	24 VDC	NPN	NO	Reflector	1 / 100	46G503B11
EL-G50-3B4PA	4 m	24 VDC	PNP	NO	Reflector	1 / 100	46G503B12
EL-G50-3C5NA	5 m	24 VDC	NPN	NO	Truth beam	1 / 50	46G505C11
EL-G50-3C5PA	5 m	24 VDC	PNP	NO	Truth beam	1 / 50	46G505C12

Type	Start distance	Power supply voltage	Type of transition	Type of contact	Type of sensor	Packing / Box (pcs)	Catalogue number
EL-BZJ-211	10 mm	24 VDC	Reflector	NO	Colour detector	1 / 50	46BZJ211
EL-BZJ-311	9mm	24 VDC	Reflector	NO	Colour detector	1 / 50	46BZJ311
EL-BZJ-411	9mm	24 VDC	Reflector	NO	Colour detector	1 / 50	46BZJ411