

# << Inductive Sensor

## Metal Barrel-G series

### M30x1.5



### Description:

Brass nickel-plated, threaded barrel, extended operating distance, DC 3-wire output, IP68 protection class, LED indicator.

Inductive Sensors

### Technical Data:

Type	Rated Operating Distance S <sub>n</sub>	Mounting	Output	Voltage Range U <sub>R</sub>	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
Fi15-G30-OP6L	15mm	Flush	PNP NO	10...30VDC	≤200mA	350Hz	-30...85°C	2m cable	Fig.1
Fi15-G30-CP6L	15mm	Flush	PNP NC	10...30VDC	≤200mA	350Hz	-30...85°C	2m cable	Fig.1
Fi15-G30-ON6L	15mm	Flush	NPN NO	10...30VDC	≤200mA	350Hz	-30...85°C	2m cable	Fig.1
Fi15-G30-CN6L	15mm	Flush	NPN NC	10...30VDC	≤200mA	350Hz	-30...85°C	2m cable	Fig.1
Ni22-G30-OP6L	22mm	Non-flush	PNP NO	10...30VDC	≤200mA	200Hz	-30...85°C	2m cable	Fig.2
Ni22-G30-CP6L	22mm	Non-flush	PNP NC	10...30VDC	≤200mA	200Hz	-30...85°C	2m cable	Fig.2
Ni22-G30-ON6L	22mm	Non-flush	NPN NO	10...30VDC	≤200mA	200Hz	-30...85°C	2m cable	Fig.2
Ni22-G30-CN6L	22mm	Non-flush	NPN NC	10...30VDC	≤200mA	200Hz	-30...85°C	2m cable	Fig.2
Ni30-G30-OP6L	30mm	Non-flush	PNP NO	10...30VDC	≤200mA	75Hz	-30...85°C	2m cable	Fig.2
Ni30-G30-CP6L	30mm	Non-flush	PNP NC	10...30VDC	≤200mA	75Hz	-30...85°C	2m cable	Fig.2
Ni30-G30-ON6L	30mm	Non-flush	NPN NO	10...30VDC	≤200mA	75Hz	-30...85°C	2m cable	Fig.2
Ni30-G30-CN6L	30mm	Non-flush	NPN NC	10...30VDC	≤200mA	75Hz	-30...85°C	2m cable	Fig.2

### Dimensions:

Fig.1

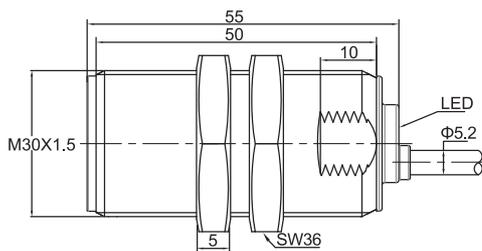
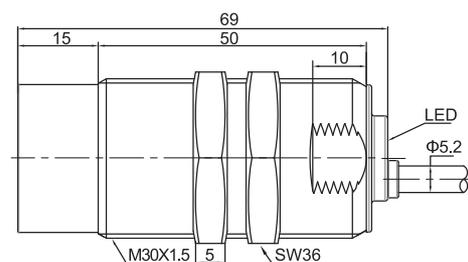


Fig.2



# << Inductive Sensor

## Metal Barrel-G series

### M30x1.5



### Description:

Brass nickel-plated, threaded barrel, extended operating distance, DC 3-wire output, IP68 protection class, LED indicator.

### Technical Data:

Type	Rated Operating Distance Sn	Mounting	Output	Voltage Range U <sub>B</sub>	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
Fi15-G30-OP6L-Q12	15mm	Flush	PNP NO	10...30VDC	≤200mA	350Hz	-30...85°C	M12 Connector	Fig.1
Fi15-G30-CP6L-Q12	15mm	Flush	PNP NC	10...30VDC	≤200mA	350Hz	-30...85°C	M12 Connector	Fig.1
Fi15-G30-ON6L-Q12	15mm	Flush	NPN NO	10...30VDC	≤200mA	350Hz	-30...85°C	M12 Connector	Fig.1
Fi15-G30-CN6L-Q12	15mm	Flush	NPN NC	10...30VDC	≤200mA	350Hz	-30...85°C	M12 Connector	Fig.1
Ni22-G30-OP6L-Q12	22mm	Non-flush	PNP NO	10...30VDC	≤200mA	200Hz	-30...85°C	M12 Connector	Fig.2
Ni22-G30-CP6L-Q12	22mm	Non-flush	PNP NC	10...30VDC	≤200mA	200Hz	-30...85°C	M12 Connector	Fig.2
Ni22-G30-ON6L-Q12	22mm	Non-flush	NPN NO	10...30VDC	≤200mA	200Hz	-30...85°C	M12 Connector	Fig.2
Ni22-G30-CN6L-Q12	22mm	Non-flush	NPN NC	10...30VDC	≤200mA	200Hz	-30...85°C	M12 Connector	Fig.2
Ni30-G30-OP6L-Q12	30mm	Non-flush	PNP NO	10...30VDC	≤200mA	75Hz	-30...85°C	M12 Connector	Fig.2
Ni30-G30-CP6L-Q12	30mm	Non-flush	PNP NC	10...30VDC	≤200mA	75Hz	-30...85°C	M12 Connector	Fig.2
Ni30-G30-ON6L-Q12	30mm	Non-flush	NPN NO	10...30VDC	≤200mA	75Hz	-30...85°C	M12 Connector	Fig.2
Ni30-G30-CN6L-Q12	30mm	Non-flush	NPN NC	10...30VDC	≤200mA	75Hz	-30...85°C	M12 Connector	Fig.2

### Dimensions:

Fig.1

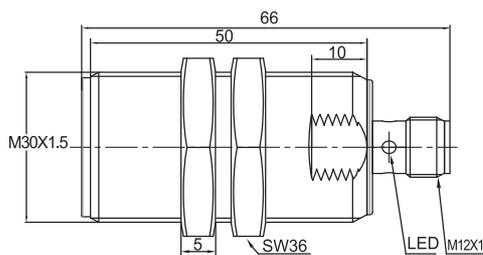
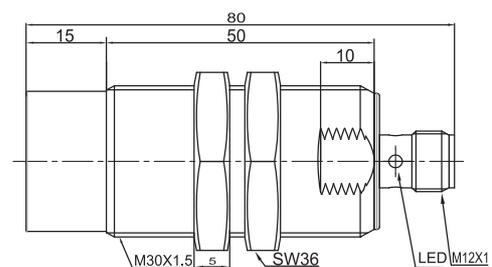


Fig.2



# << Inductive Sensor

## Metal Barrel-G3 series

### M30x1.5



### Description:

Brass nickel-plated, threaded barrel, extended operating distance, DC 3-wire output, IP68 protection class, LED indicator.

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### Technical Data:

Type	Rated Operating Distance S <sub>n</sub>	Mounting	Output	Voltage Range U <sub>B</sub>	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
Fi20-G30-OP6L	20mm	Flush	PNP NO	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.1
Fi20-G30-CP6L	20mm	Flush	PNP NC	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.1
Fi20-G30-ON6L	20mm	Flush	NPN NO	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.1
Fi20-G30-CN6L	20mm	Flush	NPN NC	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.1
Ni38-G30-OP6L	38mm	Non-flush	PNP NO	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.2
Ni38-G30-CP6L	38mm	Non-flush	PNP NC	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.2
Ni38-G30-ON6L	38mm	Non-flush	NPN NO	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.2
Ni38-G30-CN6L	38mm	Non-flush	NPN NC	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.2

### Dimensions:

Fig.1

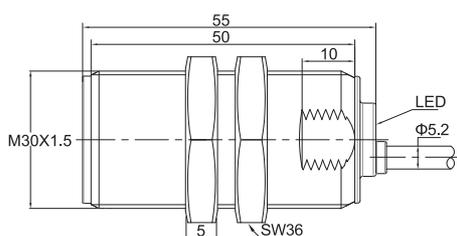
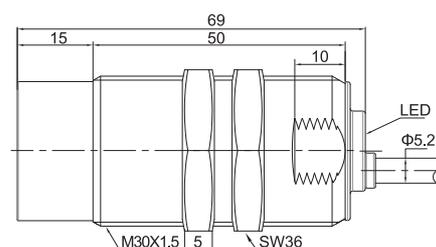


Fig.2



# << Inductive Sensor

## Metal Barrel-G3 series

### M30x1.5



### Description:

Brass nickel-plated, threaded barrel, extended operating distance, DC 3-wire output, IP68 protection class, LED indicator, M12 connector.

Inductive Sensors

### Technical Data:

Type	Rated Operating Distance $S_n$	Mounting	Output	Voltage Range $U_B$	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
Fi20-G30-OP6L-Q12	20mm	Flush	PNP NO	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.1
Fi20-G30-CP6L-Q12	20mm	Flush	PNP NC	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.1
Fi20-G30-ON6L-Q12	20mm	Flush	NPN NO	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.1
Fi20-G30-CN6L-Q12	20mm	Flush	NPN NC	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.1
Ni38-G30-OP6L-Q12	38mm	Non-flush	PNP NO	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.2
Ni38-G30-CP6L-Q12	38mm	Non-flush	PNP NC	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.2
Ni38-G30-ON6L-Q12	38mm	Non-flush	NPN NO	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.2
Ni38-G30-CN6L-Q12	38mm	Non-flush	NPN NC	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.2

### Dimensions:

Fig.1

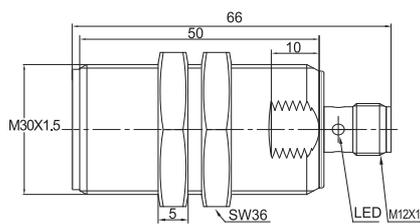


Fig.2

