



Inductive Sensors

G-Sens

G3-Sens

*New Design
New Experience*



COMPANY PROFILE

Company Profile

Elco (Tianjin) Electronics Co., Ltd. is a leading enterprise in China's industrial automation industry. It was established in Tianjin in 2003, and its sales and service network covers the whole country. As a provider of local industrial automation products and a supplier of intelligent manufacturing solutions in China, Elco has occupied a leading position in automobiles, auto parts, construction machinery, robots, food and pharmaceutical, printing and packaging, textile machinery, logistics equipment, electronics manufacturing, and many other fields.

ELCO provides the full range of services from system layer, control layer, network layer, and execution layer up to the implementation and overall planning of an intelligent factory. The products and solutions are not limited to the ElcoCloud platform and include MES (Manufacturing Execution System), Industrial Fieldbus, Industrial Ethernet, Industrial wireless communication, IoT gateway chips, automated production lines consisting of robotics and intelligent equipments, integration of automatic & electric controlling systems, intelligent logistics warehouse systems, IoT integrated development solutions and services etc. This leads to truly intelligent manufacturing processes and improves the productivity, efficiency, and flexibility of various businesses.

For several years, ELCO has been providing comprehensive support for the development of China's manufacturing industry thanks to innovative technology, excellent products and solutions. To meet the customers' needs all over the world and to allow global availability and competitive prices, Elco has established a new branch in Germany: the Elco Industrie Automation GmbH in Oberstenfeld.



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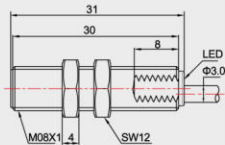
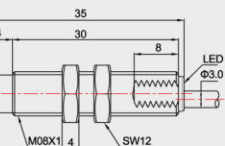


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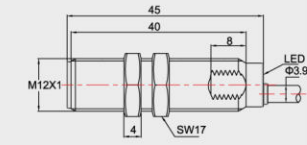
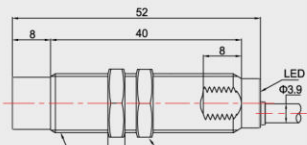
Metal Barrel Inductive Sensors G-Sens

Enhanced design of back cover and improved protection class IP68 allows a wide range of applications. With a working temperature of -30...+85°C, G-Sens series are most suitable for conventional applications but especially suitable for environment under harsh conditions.

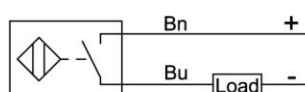
Full threaded metal housing, M8 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi2-G08-OD6L	2mm	Flush	NO	DC	1400	
	Fi2-G08-CD6L	2mm	Flush	NC	DC	1400	
	Ni4-G08-OD6L	4mm	Non-Flush	NO	DC	750	
	Ni4-G08-CD6L	4mm	Non-Flush	NC	DC	750	

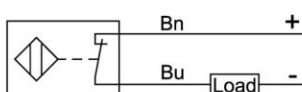
Full threaded metal housing, M12 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi4-G12-OD6L	4mm	Flush	NO	DC	650	
	Fi4-G12-CD6L	4mm	Flush	NC	DC	650	
	Fi4-G12-OA41L	4mm	Flush	NO	AC/DC	20/650	
	Fi4-G12-CA41L	4mm	Flush	NC	AC/DC	20/650	
	Ni6-G12-OD6L	6mm	Non-Flush	NO	DC	600	
	Ni6-G12-CD6L	6mm	Non-Flush	NC	DC	600	
	Ni8-G12-OD6L	6mm	Non-Flush	NO	DC	20/600	
	Ni8-G12-CD6L	6mm	Non-Flush	NC	DC	20/600	
	Ni6-G12-OA41L	8mm	Non-Flush	NO	AC/DC	500	
	Ni6-G12-CA41L	8mm	Non-Flush	NC	AC/DC	500	
	Ni8-G12-OA41L	8mm	Non-Flush	NO	AC/DC	20/500	
	Ni8-G12-CA41L	8mm	Non-Flush	NC	AC/DC	20/500	

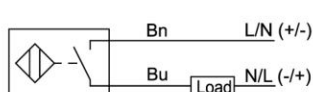
Wiring diagram:



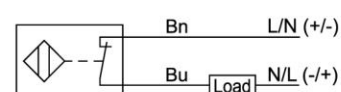
DC-2 wire NO



DC-2 wire NC



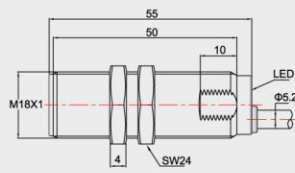
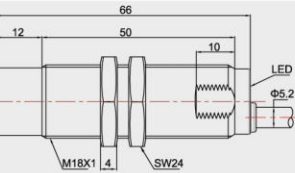
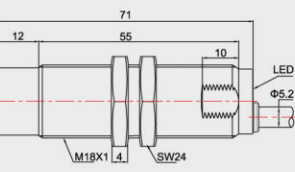
AC/DC-2 wire NO



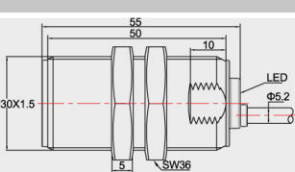
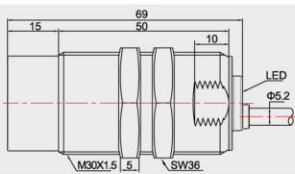
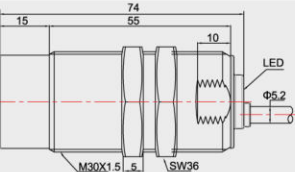
AC/DC-2 wire NC

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Full threaded metal housing, M18 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi8-G18-OD6L	8mm	Flush	NO	DC	500	
	Fi8-G18-CD6L	8mm	Flush	NC	DC	500	
	Fi8-G18-OA41L	8mm	Flush	NO	AC/DC	20/500	
	Fi8-G18-CA41L	8mm	Flush	NC	AC/DC	20/500	
	Ni12-G18-OD6L	12mm	Non-Flush	NO	DC	350	
	Ni12-G18-CD6L	12mm	Non-Flush	NC	DC	350	
	Ni16-G18-OD6L	12mm	Non-Flush	NO	DC	250	
	Ni16-G18-CD6L	12mm	Non-Flush	NC	DC	250	
	Ni12-G18-OA41L	16mm	Non-Flush	NO	AC/DC	20/350	
	Ni12-G18-CA41L	16mm	Non-Flush	NC	AC/DC	20/350	
	Ni16-G18-OA41L	16mm	Non-Flush	NO	AC/DC	20/250	
	Ni16-G18-CA41L	16mm	Non-Flush	NC	AC/DC	20/250	

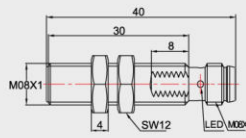
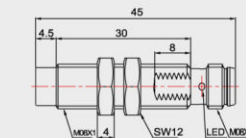
Full threaded metal housing, M30 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi15-G30-OD6L	15mm	Flush	NO	DC	350	
	Fi15-G30-CD6L	15mm	Flush	NC	DC	350	
	Fi15-G30-OA41L	15mm	Flush	NO	AC/DC	20/350	
	Fi15-G30-CA41L	15mm	Flush	NC	AC/DC	20/350	
	Ni22-G30-OD6L	22mm	Non-Flush	NO	DC	200	
	Ni22-G30-CD6L	22mm	Non-Flush	NC	DC	200	
	Ni30-G30-OD6L	22mm	Non-Flush	NO	DC	75	
	Ni30-G30-CD6L	22mm	Non-Flush	NC	DC	75	
	Ni22-G30-OA41L	30mm	Non-Flush	NO	AC/DC	20/200	
	Ni22-G30-CA41L	30mm	Non-Flush	NC	AC/DC	20/200	
	Ni30-G30-OA41L	30mm	Non-Flush	NO	AC/DC	20/75	
	Ni30-G30-CA41L	30mm	Non-Flush	NC	AC/DC	20/75	

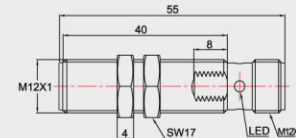
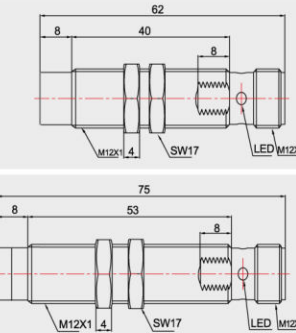
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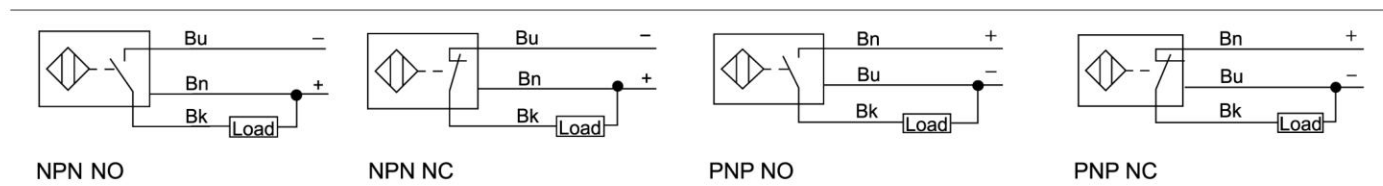
Full threaded metal housing, M8 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi2-G08-OD6L-Q8	2mm	Flush	NO	DC	1400	
	Fi2-G08-CD6L-Q8	2mm	Flush	NC	DC	1400	
	Ni4-G08-OD6L-Q8	4mm	Non-Flush	NO	DC	750	
	Ni4-G08-CD6L-Q8	4mm	Non-Flush	NC	DC	750	

Full threaded metal housing, M12 series, IP68, LED indicator.

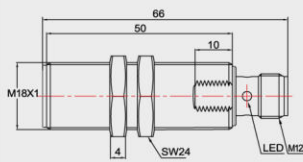
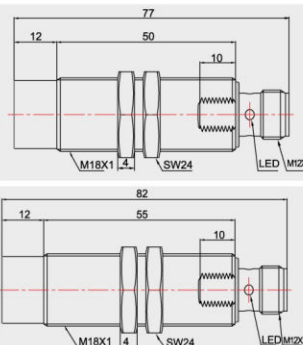
	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi4-G12-OD6L-Q12	4mm	Flush	NO	DC	650	
	Fi4-G12-CD6L-Q12	4mm	Flush	NC	DC	650	
	Fi4-G12-OA41L-Q12	4mm	Flush	NO	AC/DC	20/650	
	Fi4-G12-CA41L-Q12	4mm	Flush	NC	AC/DC	20/650	
	Ni6-G12-ODL-Q12	6mm	Non-Flush	NO	DC	600	
	Ni6-G12-CDL-Q12	6mm	Non-Flush	NC	DC	600	
	Ni8-G12-OD6L-Q12	8mm	Non-Flush	NO	DC	500	
	Ni8-G12-CD6L-Q12	8mm	Non-Flush	NC	DC	500	
	Ni6-G12-OA41L-Q12	6mm	Non-Flush	NO	AC/DC	20/600	
	Ni6-G12-CA41L-Q12	6mm	Non-Flush	NC	AC/DC	20/600	
	Ni8-G12-OA41L-Q12	8mm	Non-Flush	NO	AC/DC	20/500	
	Ni8-G12-CA41L-Q12	8mm	Non-Flush	NC	AC/DC	20/500	

Wiring diagram:

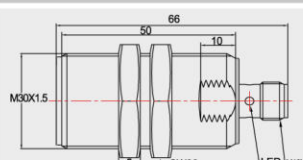
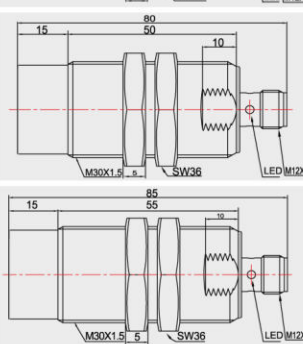


Metal Barrel Inductive Sensors G-Sens

Full threaded metal housing, M18 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi8-G18-OD6L-Q12	8mm	Flush	NO	DC	500	
	Fi8-G18-CD6L-Q12	8mm	Flush	NC	DC	500	
	Fi8-G18-OA41L-Q12	8mm	Flush	NO	AC/DC	20/500	
	Fi8-G18-CA41L-Q12	8mm	Flush	NC	AC/DC	20/500	
	Ni12-G18-OD6L-Q12	12mm	Non-Flush	NO	DC	350	
	Ni12-G18-CD6L-Q12	12mm	Non-Flush	NC	DC	350	
	Ni16-G18-OD6L-Q12	16mm	Non-Flush	NO	DC	250	
	Ni16-G18-CD6L-Q12	16mm	Non-Flush	NC	DC	250	
	Ni12-G18-OA41L-Q12	12mm	Non-Flush	NO	AC/DC	20/350	
	Ni12-G18-CA41L-Q12	12mm	Non-Flush	NC	AC/DC	20/350	
	Ni16-G18-OA41L-Q12	16mm	Non-Flush	NO	AC/DC	20/250	
	Ni16-G18-CA41L-Q12	16mm	Non-Flush	NC	AC/DC	20/250	

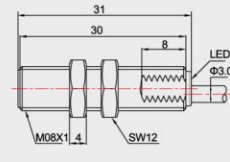
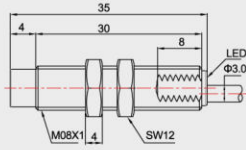
Full threaded metal housing, M30 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi15-G30-OD6L-Q12	15mm	Flush	NO	DC	350	
	Fi15-G30-CD6L-Q12	15mm	Flush	NC	DC	350	
	Fi15-G30-OA41L-Q12	15mm	Flush	NO	AC/DC	20/350	
	Fi15-G30-CA41L-Q12	15mm	Flush	NC	AC/DC	20/350	
	Ni22-G30-OD6L-Q12	22mm	Non-Flush	NO	DC	200	
	Ni22-G30-CD6L-Q12	22mm	Non-Flush	NC	DC	200	
	Ni30-G30-OD6L-Q12	22mm	Non-Flush	NO	DC	75	
	Ni30-G30-CD6L-Q12	22mm	Non-Flush	NC	DC	75	
	Ni22-G30-OA41L-Q12	30mm	Non-Flush	NO	AC/DC	20/200	
	Ni22-G30-CA41L-Q12	30mm	Non-Flush	NC	AC/DC	20/200	
	Ni30-G30-OA41L-Q12	30mm	Non-Flush	NO	AC/DC	20/75	
	Ni30-G30-CA41L-Q12	30mm	Non-Flush	NC	AC/DC	20/75	

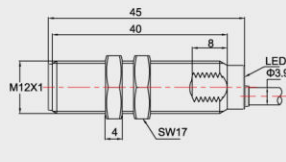
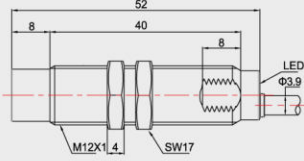
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Metal Barrel Inductive Sensors G-Sens

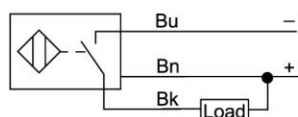
Full threaded metal housing, M8 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi2-G08-OP6L	2mm	Flush	NO	PNP	1400	
	Fi2-G08-CP6L	2mm	Flush	NC	PNP	1400	
	Fi2-G08-ON6L	2mm	Flush	NO	NPN	1400	
	Fi2-G08-CN6L	2mm	Flush	NC	NPN	1400	
	Ni4-G08-OP6L	4mm	Non-Flush	NO	PNP	750	
	Ni4-G08-CP6L	4mm	Non-Flush	NC	PNP	750	
	Ni4-G08-ON6L	4mm	Non-Flush	NO	NPN	750	
	Ni4-G08-CN6L	4mm	Non-Flush	NC	NPN	750	

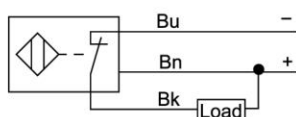
Full threaded metal housing, M12 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi4-G12-OP6L	4mm	Flush	NO	PNP	650	
	Fi4-G12-CP6L	4mm	Flush	NC	PNP	650	
	Fi4-G12-ON6L	4mm	Flush	NO	NPN	650	
	Fi4-G12-CN6L	4mm	Flush	NC	NPN	650	
	Ni6-G12-OP6L	6mm	Non-Flush	NO	PNP	600	
	Ni6-G12-CP6L	6mm	Non-Flush	NC	PNP	600	
	Ni6-G12-ON6L	6mm	Non-Flush	NO	NPN	600	
	Ni6-G12-CN6L	6mm	Non-Flush	NC	NPN	600	
	Ni8-G12-OP6L	8mm	Non-Flush	NO	PNP	500	
	Ni8-G12-CP6L	8mm	Non-Flush	NC	PNP	500	
	Ni8-G12-ON6L	8mm	Non-Flush	NO	NPN	500	
	Ni8-G12-CN6L	8mm	Non-Flush	NC	NPN	500	

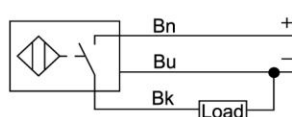
Wiring diagram:



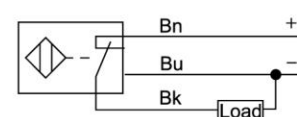
NPN NO



NPN NC



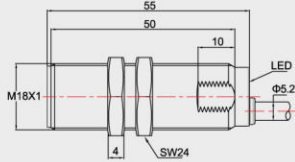
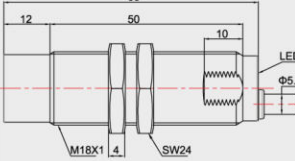
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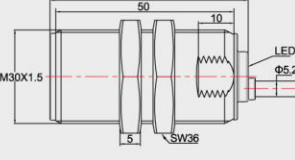
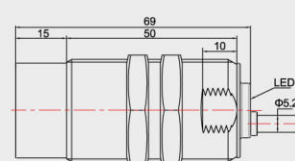
PNP NC

Metal Barrel Inductive Sensors G-Sens

Full threaded metal housing, M18 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi8-G18-OP6L	8mm	Flush	NO	PNP	500	
	Fi8-G18-CP6L	8mm	Flush	NC	PNP	500	
	Fi8-G18-ON6L	8mm	Flush	NO	NPN	500	
	Fi8-G18-CN6L	8mm	Flush	NC	NPN	500	
	Ni12-G18-OP6L	12mm	Non-Flush	NO	PNP	350	
	Ni12-G18-CP6L	12mm	Non-Flush	NC	PNP	350	
	Ni12-G18-ON6L	12mm	Non-Flush	NO	NPN	350	
	Ni12-G18-CN6L	12mm	Non-Flush	NC	NPN	350	
	Ni16-G18-OP6L	16mm	Non-Flush	NO	PNP	250	
	Ni16-G18-CP6L	16mm	Non-Flush	NC	PNP	250	
	Ni16-G18-ON6L	16mm	Non-Flush	NO	NPN	250	
	Ni16-G18-CN6L	16mm	Non-Flush	NC	NPN	250	

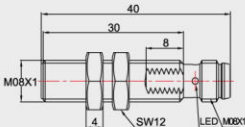
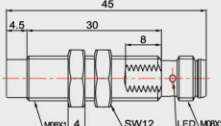
Full threaded metal housing, M30 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi15-G30-OP6L	15mm	Flush	NO	PNP	350	
	Fi15-G30-CP6L	15mm	Flush	NC	PNP	350	
	Fi15-G30-ON6L	15mm	Flush	NO	NPN	350	
	Fi15-G30-CN6L	15mm	Flush	NC	NPN	350	
	Ni22-G30-OP6L	22mm	Non-Flush	NO	PNP	200	
	Ni22-G30-CP6L	22mm	Non-Flush	NC	PNP	200	
	Ni22-G30-ON6L	22mm	Non-Flush	NO	NPN	200	
	Ni22-G30-CN6L	22mm	Non-Flush	NC	NPN	200	
	Ni30-G30-OP6L	30mm	Non-Flush	NO	PNP	75	
	Ni30-G30-CP6L	30mm	Non-Flush	NC	PNP	75	
	Ni30-G30-ON6L	30mm	Non-Flush	NO	NPN	75	
	Ni30-G30-CN6L	30mm	Non-Flush	NC	NPN	75	

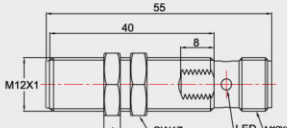
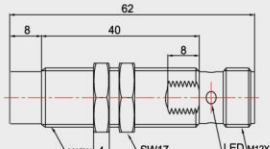
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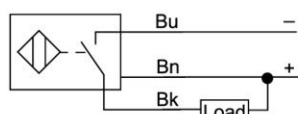
Full threaded metal housing, M8 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi2-G08-OP6L-Q8	2mm	Flush	NO	PNP	1400	
	Fi2-G08-CP6L-Q8	2mm	Flush	NC	PNP	1400	
	Fi2-G08-ON6L-Q8	2mm	Flush	NO	NPN	1400	
	Fi2-G08-CN6L-Q8	2mm	Flush	NC	NPN	1400	
	Ni4-G08-OP6L-Q8	4mm	Non-Flush	NO	PNP	750	
	Ni4-G08-CP6L-Q8	4mm	Non-Flush	NC	PNP	750	
	Ni4-G08-ON6L-Q8	4mm	Non-Flush	NO	NPN	750	
	Ni4-G08-CN6L-Q8	4mm	Non-Flush	NC	NPN	750	

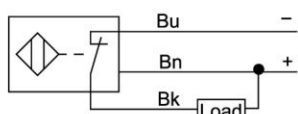
Full threaded metal housing, M12 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi4-G12-OP6L-Q12	4mm	Flush	NO	PNP	650	
	Fi4-G12-CP6L-Q12	4mm	Flush	NC	PNP	650	
	Fi4-G12-ON6L-Q12	4mm	Flush	NO	NPN	650	
	Fi4-G12-CN6L-Q12	4mm	Flush	NC	NPN	650	
	Ni6-G12-OP6L-Q12	6mm	Non-Flush	NO	PNP	600	
	Ni6-G12-CP6L-Q12	6mm	Non-Flush	NC	PNP	600	
	Ni6-G12-ON6L-Q12	6mm	Non-Flush	NO	NPN	600	
	Ni6-G12-CN6L-Q12	6mm	Non-Flush	NC	NPN	600	
	Ni8-G12-OP6L-Q12	8mm	Non-Flush	NO	PNP	500	
	Ni8-G12-CP6L-Q12	8mm	Non-Flush	NC	PNP	500	
	Ni8-G12-ON6L-Q12	8mm	Non-Flush	NO	NPN	500	
	Ni8-G12-CN6L-Q12	8mm	Non-Flush	NC	NPN	500	

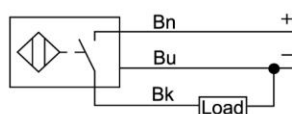
Wiring diagram:



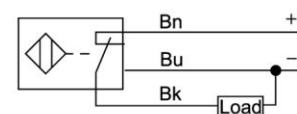
NPN NO



NPN NC



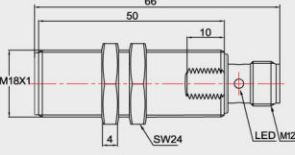
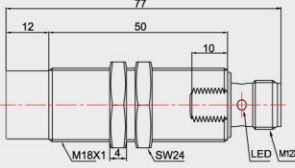
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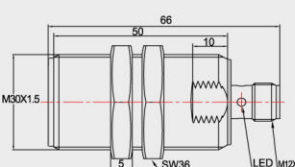
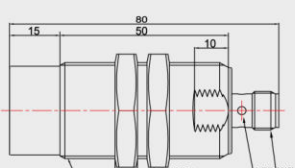
PNP NC

Metal Barrel Inductive Sensors G-Sens

Full threaded metal housing, M18 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi8-G18-OP6L-Q12	8mm	Flush	NO	PNP	500	
	Fi8-G18-CP6L-Q12	8mm	Flush	NC	PNP	500	
	Fi8-G18-ON6L-Q12	8mm	Flush	NO	NPN	500	
	Fi8-G18-CN6L-Q12	8mm	Flush	NC	NPN	500	
	Ni12-G18-OP6L-Q12	12mm	Non-Flush	NO	PNP	350	
	Ni12-G18-CP6L-Q12	12mm	Non-Flush	NC	PNP	350	
	Ni12-G18-ON6L-Q12	12mm	Non-Flush	NO	NPN	350	
	Ni12-G18-CN6L-Q12	12mm	Non-Flush	NC	NPN	350	
	Ni16-G18-OP6L-Q12	16mm	Non-Flush	NO	PNP	250	
	Ni16-G18-CP6L-Q12	16mm	Non-Flush	NC	PNP	250	
	Ni16-G18-ON6L-Q12	16mm	Non-Flush	NO	NPN	250	
	Ni16-G18-CN6L-Q12	16mm	Non-Flush	NC	NPN	250	

Full threaded metal housing, M30 series, IP68, LED indicator.

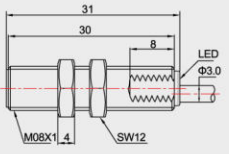
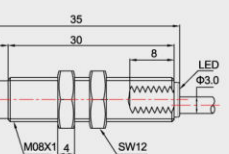
	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi15-G30-OP6L-Q12	15mm	Flush	NO	PNP	350	
	Fi15-G30-CP6L-Q12	15mm	Flush	NC	PNP	350	
	Fi15-G30-ON6L-Q12	15mm	Flush	NO	NPN	350	
	Fi15-G30-CN6L-Q12	15mm	Flush	NC	NPN	350	
	Ni22-G30-OP6L-Q12	22mm	Non-Flush	NO	PNP	200	
	Ni22-G30-CP6L-Q12	22mm	Non-Flush	NC	PNP	200	
	Ni22-G30-ON6L-Q12	22mm	Non-Flush	NO	NPN	200	
	Ni22-G30-CN6L-Q12	22mm	Non-Flush	NC	NPN	200	
	Ni30-G30-OP6L-Q12	30mm	Non-Flush	NO	PNP	75	
	Ni30-G30-CP6L-Q12	30mm	Non-Flush	NC	PNP	75	
	Ni30-G30-ON6L-Q12	30mm	Non-Flush	NO	NPN	75	
	Ni30-G30-CN6L-Q12	30mm	Non-Flush	NC	NPN	75	

<< Inductive Sensors

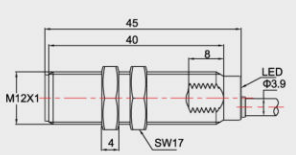
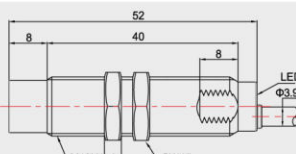
Metal Barrel Inductive Sensors G3-Sens

Enhanced design of back cover and improved protection class IP68 allows a wide range of applications. With a working temperature of -30...+85°C, G3-Sens series are most suitable for conventional applications but especially suitable for environment under harsh conditions.

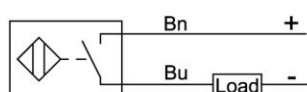
Full threaded metal housing, M8 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi3-G08-OP6L	3mm	Flush	NO	DC	500Hz	
	Fi3-G08-CP6L	3mm	Flush	NC	DC	500Hz	
	Fi3-G08-ON6L	3mm	Flush	NO	DC	500Hz	
	Fi3-G08-CN6L	3mm	Flush	NC	DC	500Hz	
	Ni6-G08-OP6L	6mm	Non-Flush	NO	DC	500Hz	
	Ni6-G08-CP6L	6mm	Non-Flush	NC	DC	500Hz	
	Ni6-G08-ON6L	6mm	Non-Flush	NO	DC	500Hz	
	Ni6-G08-CN6L	6mm	Non-Flush	NC	DC	500Hz	

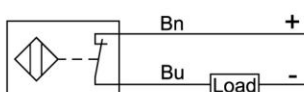
Full threaded metal housing, M12 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi6-G12-OP6L	6mm	Flush	NO	DC	200Hz	
	Fi6-G12-CP6L	6mm	Flush	NC	DC	200Hz	
	Fi6-G12-ON6L	6mm	Flush	NO	DC	200Hz	
	Fi6-G12-CN6L	6mm	Flush	NC	DC	200Hz	
	Ni10-G12-OP6L	10mm	Non-Flush	NO	DC	200Hz	
	Ni10-G12-CP6L	10mm	Non-Flush	NC	DC	200Hz	
	Ni10-G12-ON6L	10mm	Non-Flush	NO	DC	200Hz	
	Ni10-G12-CN6L	10mm	Non-Flush	NC	DC	200Hz	

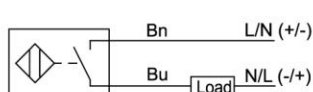
Wiring diagram:



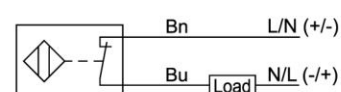
DC-2 wire NO



DC-2 wire NC



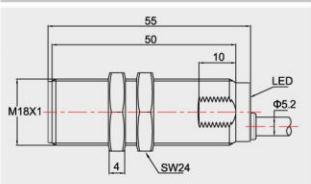
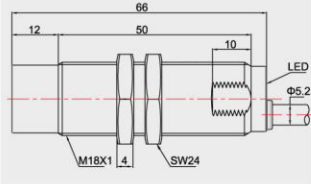
AC/DC-2 wire NO



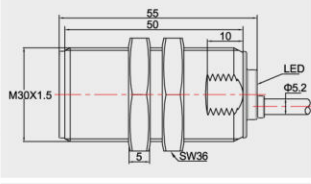
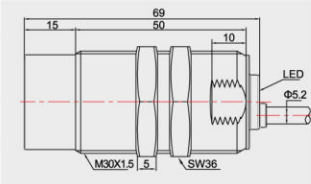
AC/DC-2 wire NC

Metal Barrel Inductive Sensors G3-Sens

Full threaded metal housing, M18 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi12-G18-OP6L	12mm	Flush	NO	DC	100Hz	
	Fi12-G18-CP6L	12mm	Flush	NC	DC	100Hz	
	Fi12-G18-ON6L	12mm	Flush	NO	DC	100Hz	
	Fi12-G18-CN6L	12mm	Flush	NC	DC	100Hz	
	Ni20-G18-OP6L	20mm	Non-Flush	NO	DC	100Hz	
	Ni20-G18-CP6L	20mm	Non-Flush	NC	DC	100Hz	
	Ni20-G18-ON6L	20mm	Non-Flush	NO	DC	100Hz	
	Ni20-G18-CN6L	20mm	Non-Flush	NC	DC	100Hz	

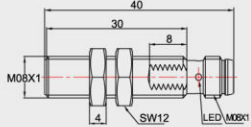
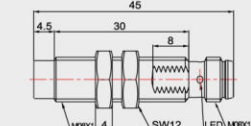
Full threaded metal housing, M30 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi20-G30-OP6L	20mm	Flush	NO	DC	50Hz	
	Fi20-G30-CP6L	20mm	Flush	NC	DC	50Hz	
	Fi20-G30-ON6L	20mm	Flush	NO	DC	50Hz	
	Fi20-G30-CN6L	20mm	Flush	NC	DC	50Hz	
	Ni38-G30-OP6L	38mm	Non-Flush	NO	DC	50Hz	
	Ni38-G30-CP6L	38mm	Non-Flush	NC	DC	50Hz	
	Ni38-G30-ON6L	38mm	Non-Flush	NO	DC	50Hz	
	Ni38-G30-CN6L	38mm	Non-Flush	NC	DC	50Hz	

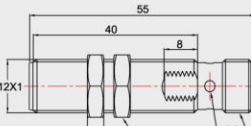
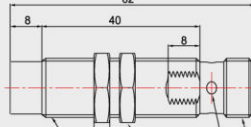
<< Inductive Sensors

Metal Barrel Inductive Sensors G3-Sens

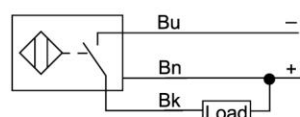
Full threaded metal housing, M8 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi3-G08-OP6L-Q8	3mm	Flush	NO	DC	500Hz	
	Fi3-G08-CP6L-Q8	3mm	Flush	NC	DC	500Hz	
	Fi3-G08-ON6L-Q8	3mm	Flush	NO	DC	500Hz	
	Fi3-G08-CN6L-Q8	3mm	Flush	NC	DC	500Hz	
	Ni6-G08-OP6L-Q8	6mm	Non-Flush	NO	DC	500Hz	
	Ni6-G08-CP6L-Q8	6mm	Non-Flush	NC	DC	500Hz	
	Ni6-G08-ON6L-Q8	6mm	Non-Flush	NO	DC	500Hz	
	Ni6-G08-CN6L-Q8	6mm	Non-Flush	NC	DC	500Hz	

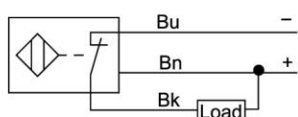
Full threaded metal housing, M12 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	Fi6-G12-OP6L-Q12	6mm	Flush	NO	DC	200Hz	
	Fi6-G12-CP6L-Q12	6mm	Flush	NC	DC	200Hz	
	Fi6-G12-ON6L-Q12	6mm	Flush	NO	DC	200Hz	
	Fi6-G12-CN6L-Q12	6mm	Flush	NC	DC	200Hz	
	Ni10-G12-OP6L-Q12	10mm	Non-Flush	NO	DC	200Hz	
	Ni10-G12-CP6L-Q12	10mm	Non-Flush	NC	DC	200Hz	
	Ni10-G12-ON6L-Q12	10mm	Non-Flush	NO	DC	200Hz	
	Ni10-G12-CN6L-Q12	10mm	Non-Flush	NC	DC	200Hz	

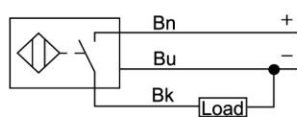
Wiring diagram:



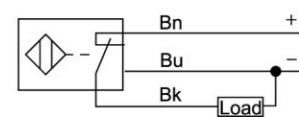
NPN NO



NPN NC

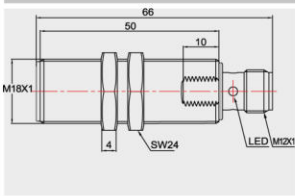
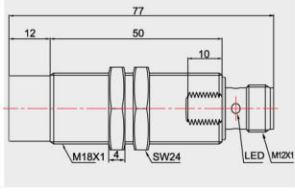


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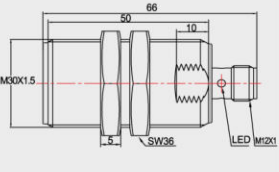
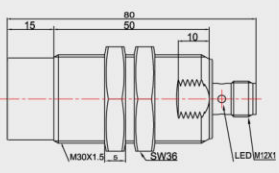


PNP NC

Full threaded metal housing, M18 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	FI12-G18-OP6L-Q12	12mm	Flush	NO	DC	100Hz	
	FI12-G18-CP6L-Q12	12mm	Flush	NC	DC	100Hz	
	FI12-G18-ON6L-Q12	12mm	Flush	NO	DC	100Hz	
	FI12-G18-CN6L-Q12	12mm	Flush	NC	DC	100Hz	
	NI20-G18-OP6L-Q12	20mm	Non-Flush	NO	DC	100Hz	
	NI20-G18-CP6L-Q12	20mm	Non-Flush	NC	DC	100Hz	
	NI20-G18-ON6L-Q12	20mm	Non-Flush	NO	DC	100Hz	
	NI20-G18-CN6L-Q12	20mm	Non-Flush	NC	DC	100Hz	

Full threaded metal housing, M30 series, IP68, LED indicator.

	Type	Rated Operating Distance Sn	Mounting	Output Function	Output Type	Frequency (Hz)	Drawing
	FI20-G30-OP6L-Q12	20mm	Flush	NO	DC	50Hz	
	FI20-G30-CP6L-Q12	20mm	Flush	NC	DC	50Hz	
	FI20-G30-ON6L-Q12	20mm	Flush	NO	DC	50Hz	
	FI20-G30-CN6L-Q12	20mm	Flush	NC	DC	50Hz	
	NI38-G30-OP6L-Q12	38mm	Non-Flush	NO	DC	50Hz	
	NI38-G30-CP6L-Q12	38mm	Non-Flush	NC	DC	50Hz	
	NI38-G30-ON6L-Q12	38mm	Non-Flush	NO	DC	50Hz	
	NI38-G30-CN6L-Q12	38mm	Non-Flush	NC	DC	50Hz	

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