

<< Inductive Sensor

Metal Barrel-M08



Description:

Brass nickel-plated, threaded barrel, DC 3-wire output, IP67 protection class, LED indicator, 10mm shorter size M08S available.

Technical Data:

Type	Rated Operating Distance S_n	Mounting	Output	Voltage Range U_B	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
Fi2-M08-OP6L	2mm	Flush	PNP NO	10...30VDC	≤200mA	1000Hz	-25...70°C	2m cable	Fig.1
Fi2-M08-ON6L	2mm	Flush	NPN NO	10...30VDC	≤200mA	1000Hz	-25...70°C	2m cable	Fig.1
Fi2-M08-CP6L	2mm	Flush	PNP NC	10...30VDC	≤200mA	1000Hz	-25...70°C	2m cable	Fig.1
Fi2-M08-CN6L	2mm	Flush	NPN NC	10...30VDC	≤200mA	1000Hz	-25...70°C	2m cable	Fig.1
Ni3-M08-OP6L	3mm	Non-flush	PNP NO	10...30VDC	≤200mA	800Hz	-25...70°C	2m cable	Fig.2
Ni3-M08-ON6L	3mm	Non-flush	NPN NO	10...30VDC	≤200mA	800Hz	-25...70°C	2m cable	Fig.2
Ni3-M08-CP6L	3mm	Non-flush	PNP NC	10...30VDC	≤200mA	800Hz	-25...70°C	2m cable	Fig.2
Ni3-M08-CN6L	3mm	Non-flush	NPN NC	10...30VDC	≤200mA	800Hz	-25...70°C	2m cable	Fig.2
Fi2-M08-OP6L-Q12	2mm	Flush	PNP NO	10...30VDC	≤200mA	1000Hz	-25...70°C	M12 Connector	Fig.3
Fi2-M08-ON6L-Q12	2mm	Flush	NPN NO	10...30VDC	≤200mA	1000Hz	-25...70°C	M12 Connector	Fig.3
Fi2-M08-CP6L-Q12	2mm	Flush	PNP NC	10...30VDC	≤200mA	1000Hz	-25...70°C	M12 Connector	Fig.3
Fi2-M08-CN6L-Q12	2mm	Flush	NPN NC	10...30VDC	≤200mA	1000Hz	-25...70°C	M12 Connector	Fig.3
Ni3-M08-OP6L-Q12	3mm	Non-flush	PNP NO	10...30VDC	≤200mA	800Hz	-25...70°C	M12 Connector	Fig.4
Ni3-M08-ON6L-Q12	3mm	Non-flush	NPN NO	10...30VDC	≤200mA	800Hz	-25...70°C	M12 Connector	Fig.4
Ni3-M08-CP6L-Q12	3mm	Non-flush	PNP NC	10...30VDC	≤200mA	800Hz	-25...70°C	M12 Connector	Fig.4
Ni3-M08-CN6L-Q12	3mm	Non-flush	NPN NC	10...30VDC	≤200mA	800Hz	-25...70°C	M12 Connector	Fig.4

Dimensions:

Fig.1

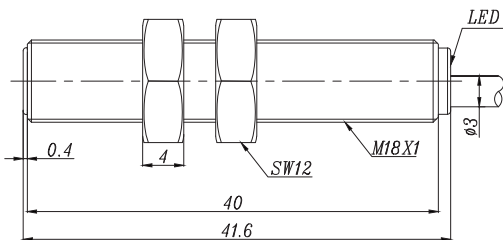


Fig.2

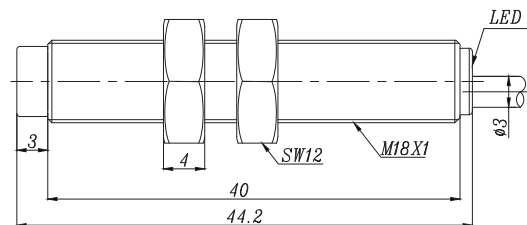


Fig.3

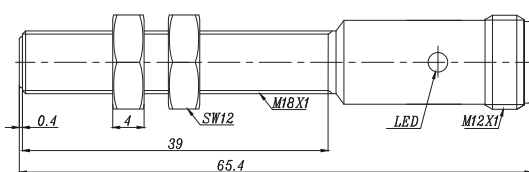
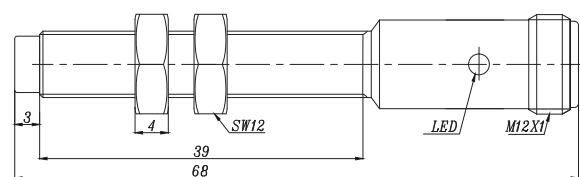


Fig.4



Metal Barrel-M08



Description:

Brass nickel-plated, threaded barrel, DC 3-wire output,
IP67 protection class, LED indicator, 10mm shorter size M08S available.

Technical Data:

Type	Rated Operating Distance S_n	Mounting	Output	Voltage Range U_B	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
Fi2-M08-OP6L-Q8	2mm	Flush	PNP NO	10...30VDC	$\leq 200\text{mA}$	1000Hz	-25...70°C	M8 Connector	Fig.1
Fi2-M08-ON6L-Q8	2mm	Flush	NPN NO	10...30VDC	$\leq 200\text{mA}$	1000Hz	-25...70°C	M8 Connector	Fig.1
Fi2-M08-CP6L-Q8	2mm	Flush	PNP NC	10...30VDC	$\leq 200\text{mA}$	1000Hz	-25...70°C	M8 Connector	Fig.1
Fi2-M08-CN6L-Q8	2mm	Flush	NPN NC	10...30VDC	$\leq 200\text{mA}$	1000Hz	-25...70°C	M8 Connector	Fig.1
Ni3-M08-OP6L-Q8	3mm	Non-flush	PNP NO	10...30VDC	$\leq 200\text{mA}$	800Hz	-25...70°C	M8 Connector	Fig.2
Ni3-M08-ON6L-Q8	3mm	Non-flush	NPN NO	10...30VDC	$\leq 200\text{mA}$	800Hz	-25...70°C	M8 Connector	Fig.2
Ni3-M08-CP6L-Q8	3mm	Non-flush	PNP NC	10...30VDC	$\leq 200\text{mA}$	800Hz	-25...70°C	M8 Connector	Fig.2
Ni3-M08-CN6L-Q8	3mm	Non-flush	NPN NC	10...30VDC	$\leq 200\text{mA}$	800Hz	-25...70°C	M8 Connector	Fig.2

Dimensions:

Fig.1

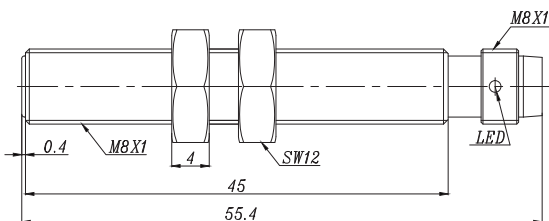
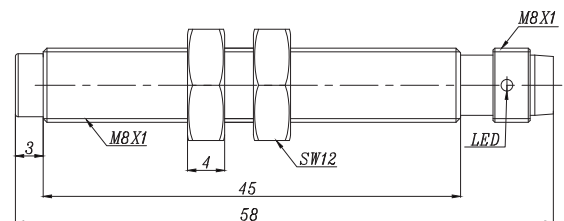


Fig.2



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Metal Barrel-M08



Description:

Brass nickel-plated, threaded barrel, DC 2-wire output, IP67 protection class, LED indicator, 10mm shorter size M08S available.

Technical Data:

Type	Rated Operating Distance S_n	Mounting	Output	Voltage Range U_B	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
Fi2-M08-OD6L-Q8	2mm	Flush	DC NO	10...30VDC	≤100mA	1000Hz	-25...70°C	M8 Connector	Fig.1
Fi2-M08-CD6L-Q8	2mm	Flush	DC NC	10...30VDC	≤100mA	1000Hz	-25...70°C	M8 Connector	Fig.1
Ni3-M08-OD6L-Q8	3mm	Non-flush	DC NO	10...30VDC	≤100mA	800Hz	-25...70°C	M8 Connector	Fig.2
Ni3-M08-CD6L-Q8	3mm	Non-flush	DC NC	10...30VDC	≤100mA	800Hz	-25...70°C	M8 Connector	Fig.2

Dimensions:

Fig.1

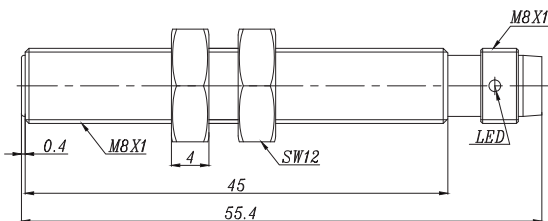
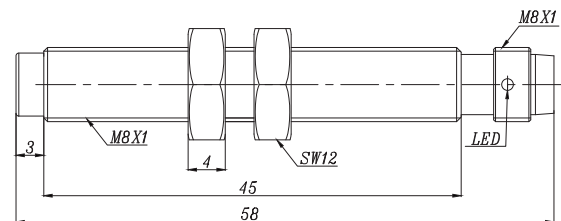


Fig.2



Metal Barrel-M08



Description:

Brass nickel-plated, threaded barrel, DC 2-wire output, IP67 protection class, LED indicator, 10mm shorter size M08S available.

Inductive Sensors

Technical Data:

Type	Rated Operating Distance S_n	Mounting	Output	Voltage Range U_B	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
Fi2-M08-OD6L	2mm	Flush	DC NO	10...30VDC	≤100mA	1000Hz	-25...70°C	2m cable	Fig.1
Fi2-M08-CD6L	2mm	Flush	DC NC	10...30VDC	≤100mA	1000Hz	-25...70°C	2m cable	Fig.1
Ni3-M08-OD6L	3mm	Non-flush	DC NO	10...30VDC	≤100mA	800Hz	-25...70°C	2m cable	Fig.1
Ni3-M08-CD6L	3mm	Non-flush	DC NC	10...30VDC	≤100mA	800Hz	-25...70°C	2m cable	Fig.1
Fi2-M08-OD6L-Q12	2mm	Flush	DC NO	10...30VDC	≤100mA	1000Hz	-25...70°C	M12 Connector	Fig.2
Fi2-M08-CD6L-Q12	2mm	Flush	DC NC	10...30VDC	≤100mA	1000Hz	-25...70°C	M12 Connector	Fig.2
Ni3-M08-OD6L-Q12	3mm	Non-flush	DC NO	10...30VDC	≤100mA	800Hz	-25...70°C	M12 Connector	Fig.2
Ni3-M08-CD6L-Q12	3mm	Non-flush	DC NC	10...30VDC	≤100mA	800Hz	-25...70°C	M12 Connector	Fig.2

Dimensions:

Fig.1

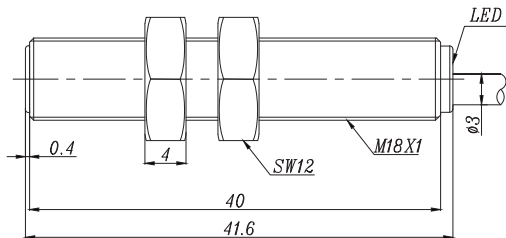


Fig.2

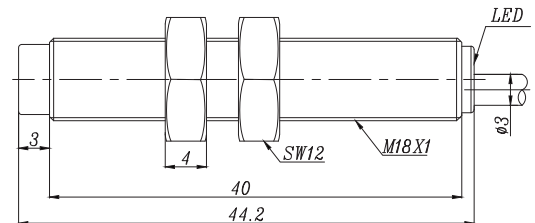


Fig.3

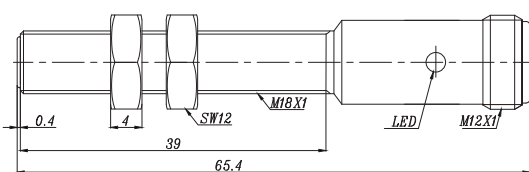
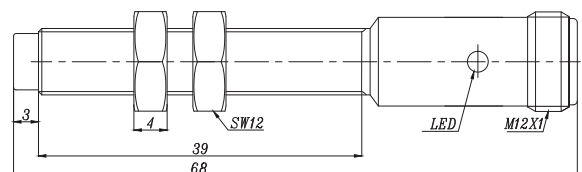


Fig.4



Long-Sensing Metal Barrel-M8



Description:

Brass nickel-plated, threaded barrel, extended operating distance, DC 2-wire output, IP67 protection class, LED indicator.

Inductive Sensors

Technical Data:

Type	Rated Operating Distance Sn	Mounting	Output	Voltage Range U_B	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
Ni4-M08-OD6L	4mm	Non-flush	DC NO	10...30VDC	≤100mA	600Hz	-25...70°C	2m cable	Fig.1
Ni4-M08-CD6L	4mm	Non-flush	DC NC	10...30VDC	≤100mA	600Hz	-25...70°C	2m cable	Fig.1
Ni4-M08-OD6L-Q8	4mm	Non-flush	DC NO	10...30VDC	≤100mA	750Hz	-25...70°C	M8 Connector	Fig.2
Ni4-M08-CD6L-Q8	4mm	Non-flush	DC NC	10...30VDC	≤100mA	750Hz	-25...70°C	M8 Connector	Fig.2
Ni4-M08-OD6L-Q12	4mm	Non-flush	DC NO	10...30VDC	≤100mA	750Hz	-25...70°C	M12 Connector	Fig.3
Ni4-M08-CD6L-Q12	4mm	Non-flush	DC NC	10...30VDC	≤100mA	750Hz	-25...70°C	M12 Connector	Fig.3

Dimensions:

Fig.1

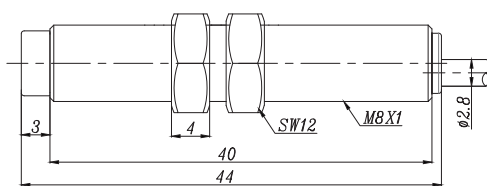


Fig.2

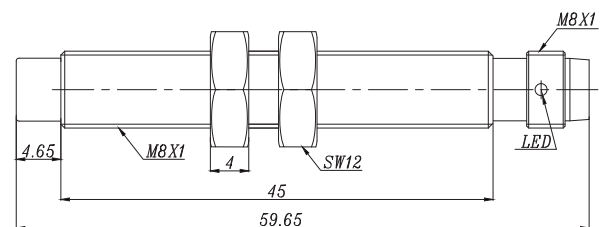
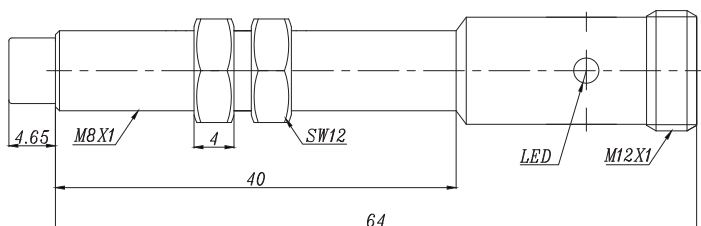


Fig.3



Inductive Sensor

Long-Sensing Metal Barrel-M8



Description:

Brass nickel-plated, threaded barrel, extended operating distance, DC 3-wire output, IP67 protection class, LED indicator.

Technical Data:

Type	Rated Operating Distance S_n	Mounting	Output	Voltage Range U_B	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
Ni4-M08-OP6L	4mm	Non-flush	PNP NO	10...30VDC	≤200mA	750Hz	-25...70°C	2m cable	Fig.1
Ni4-M08-ON6L	4mm	Non-flush	NPN NO	10...30VDC	≤200mA	750Hz	-25...70°C	2m cable	Fig.1
Ni4-M08-CP6L	4mm	Non-flush	PNP NC	10...30VDC	≤200mA	750Hz	-25...70°C	2m cable	Fig.1
Ni4-M08-CN6L	4mm	Non-flush	NPN NC	10...30VDC	≤200mA	750Hz	-25...70°C	2m cable	Fig.1
Ni4-M08-OP6L-Q8	4mm	Non-flush	PNP NO	10...30VDC	≤200mA	750Hz	-25...70°C	M8 Connector	Fig.2
Ni4-M08-ON6L-Q8	4mm	Non-flush	NPN NO	10...30VDC	≤200mA	750Hz	-25...70°C	M8 Connector	Fig.2
Ni4-M08-CP6L-Q8	4mm	Non-flush	PNP NC	10...30VDC	≤200mA	750Hz	-25...70°C	M8 Connector	Fig.2
Ni4-M08-CN6L-Q8	4mm	Non-flush	NPN NC	10...30VDC	≤200mA	750Hz	-25...70°C	M8 Connector	Fig.2
Ni4-M08-OP6L-Q12	4mm	Non-flush	PNP NO	10...30VDC	≤200mA	750Hz	-25...70°C	M12 Connector	Fig.3
Ni4-M08-ON6L-Q12	4mm	Non-flush	NPN NO	10...30VDC	≤200mA	750Hz	-25...70°C	M12 Connector	Fig.3
Ni4-M08-CP6L-Q12	4mm	Non-flush	PNP NC	10...30VDC	≤200mA	750Hz	-25...70°C	M12 Connector	Fig.3
Ni4-M08-CN6L-Q12	4mm	Non-flush	NPN NC	10...30VDC	≤200mA	750Hz	-25...70°C	M12 Connector	Fig.3

Dimensions:

Fig.1

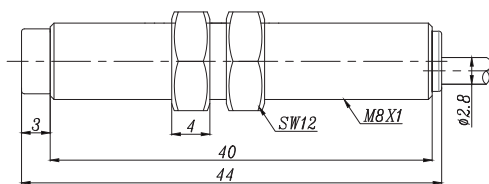


Fig.2

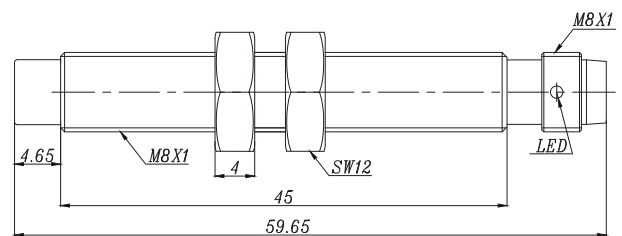


Fig.3

