

Inductive Sensor

Temperature Extension-Low Temperature-M12



Description:

Brass nickel-plated, threaded barrel, DC 2-wire output, temperature range down to -40°C, IP67 protection class, LED indicator.

Technical Data:

Type	Rated Operating Distance Sn	Mounting	Output	Voltage Range U_B	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
Fi2-M12-OD6L/TB40	2mm	Flush	DC NO	10...30VDC	≤100mA	1000Hz	-40...70°C	2m cable	Fig.1
Fi2-M12-CD6L/TB40	2mm	Flush	DC NC	10...30VDC	≤100mA	1000Hz	-40...70°C	2m cable	Fig.1
Ni4-M12-OD6L/TB40	4mm	Non-flush	DC NO	10...30VDC	≤100mA	800Hz	-40...70°C	2m cable	Fig.2
Ni4-M12-CD6L/TB40	4mm	Non-flush	DC NC	10...30VDC	≤100mA	800Hz	-40...70°C	2m cable	Fig.2
Fi2-M12-OD6L-Q12/TB40	2mm	Flush	DC NO	10...30VDC	≤100mA	1000Hz	-40...70°C	M12 Connector	Fig.3
Fi2-M12-CD6L-Q12/TB40	2mm	Flush	DC NC	10...30VDC	≤100mA	1000Hz	-40...70°C	M12 Connector	Fig.3
Ni4-M12-OD6L-Q12/TB40	4mm	Non-flush	DC NO	10...30VDC	≤100mA	800Hz	-40...70°C	M12 Connector	Fig.4
Ni4-M12-CD6L-Q12/TB40	4mm	Non-flush	DC NC	10...30VDC	≤100mA	800Hz	-40...70°C	M12 Connector	Fig.4

Dimensions:

Fig.1

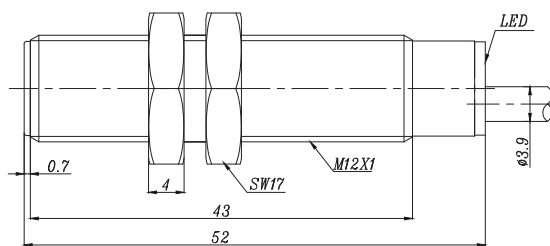


Fig.2

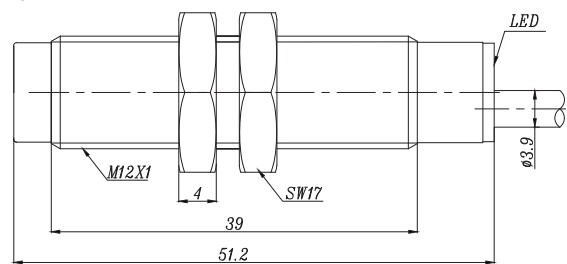


Fig.3

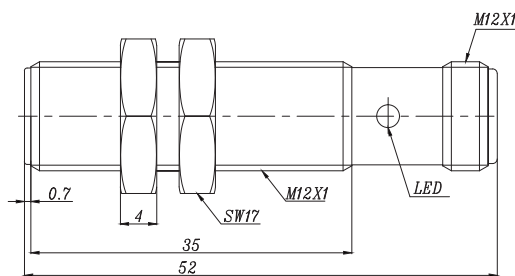
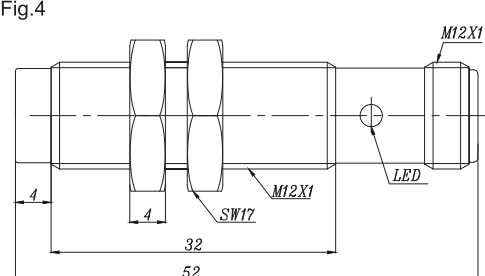


Fig.4



Temperature Extension-Low Temperature-M12



Description:

Brass nickel-plated, threaded barrel, DC 3-wire output, temperature range down to -40°C, 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
Fi2-M12-OP6L/TB40	2mm	Flush	PNP NO	10...30VDC	≤200mA	1000Hz	-40...70°C	2m cable	Fig.1
Fi2-M12-ON6L/TB40	2mm	Flush	NPN NO	10...30VDC	≤200mA	1000Hz	-40...70°C	2m cable	Fig.1
Fi2-M12-CP6L/TB40	2mm	Flush	PNP NC	10...30VDC	≤200mA	1000Hz	-40...70°C	2m cable	Fig.1
Fi2-M12-CN6L/TB40	2mm	Flush	NPN NC	10...30VDC	≤200mA	1000Hz	-40...70°C	2m cable	Fig.1
Ni4-M12-OP6L/TB40	4mm	Non-flush	PNP NO	10...30VDC	≤200mA	800Hz	-40...70°C	2m cable	Fig.2
Ni4-M12-ON6L/TB40	4mm	Non-flush	NPN NO	10...30VDC	≤200mA	800Hz	-40...70°C	2m cable	Fig.2
Ni4-M12-CP6L/TB40	4mm	Non-flush	PNP NC	10...30VDC	≤200mA	800Hz	-40...70°C	2m cable	Fig.2
Ni4-M12-CN6L/TB40	4mm	Non-flush	NPN NC	10...30VDC	≤200mA	800Hz	-40...70°C	2m cable	Fig.2
Fi2-M12-OP6L-Q12/TB40	2mm	Flush	PNP NO	10...30VDC	≤200mA	1000Hz	-40...70°C	M12 Connector	Fig.3
Fi2-M12-ON6L-Q12/TB40	2mm	Flush	NPN NO	10...30VDC	≤200mA	1000Hz	-40...70°C	M12 Connector	Fig.3
Fi2-M12-CP6L-Q12/TB40	2mm	Flush	PNP NC	10...30VDC	≤200mA	1000Hz	-40...70°C	M12 Connector	Fig.3
Fi2-M12-CN6L-Q12/TB40	2mm	Flush	NPN NC	10...30VDC	≤200mA	1000Hz	-40...70°C	M12 Connector	Fig.3
Ni4-M12-OP6L-Q12/TB40	4mm	Non-flush	PNP NO	10...30VDC	≤200mA	800Hz	-40...70°C	M12 Connector	Fig.4
Ni4-M12-ON6L-Q12/TB40	4mm	Non-flush	NPN NO	10...30VDC	≤200mA	800Hz	-40...70°C	M12 Connector	Fig.4
Ni4-M12-CP6L-Q12/TB40	4mm	Non-flush	PNP NC	10...30VDC	≤200mA	800Hz	-40...70°C	M12 Connector	Fig.4
Ni4-M12-CN6L-Q12/TB40	4mm	Non-flush	NPN NC	10...30VDC	≤200mA	800Hz	-40...70°C	M12 Connector	Fig.4

Dimensions:

Fig.1

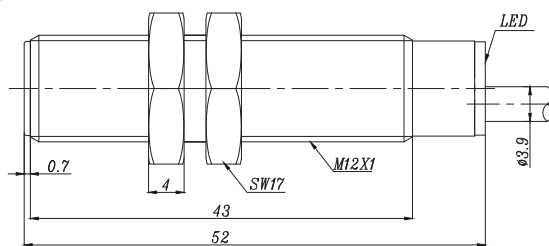


Fig.2

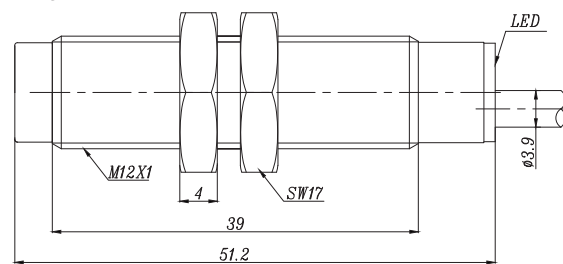


Fig.3

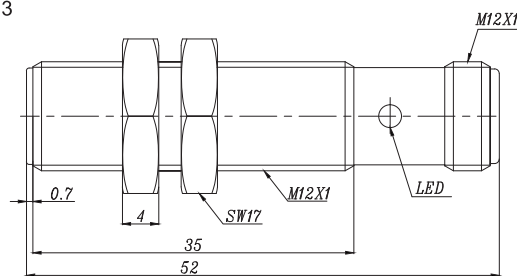
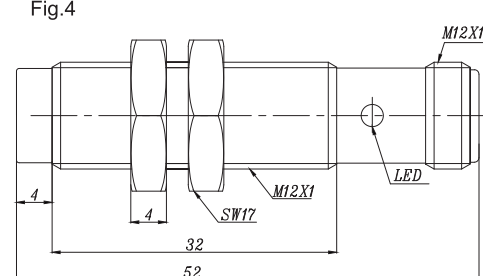
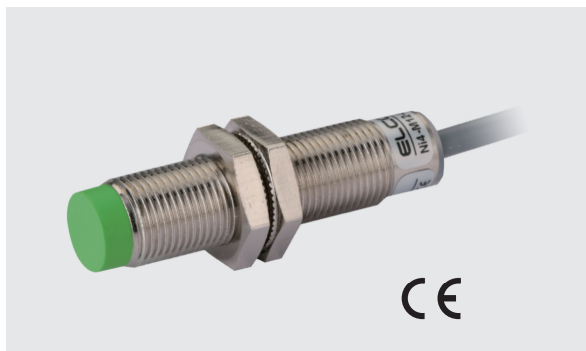


Fig.4



<< Inductive Sensor

Temperature Extension-Low Temperature-M12



Description:

Brass nickel-plated, threaded barrel, AC/DC 2-wire output, temperature range down to -40°C, IP67 protection class, LED indicator.

Technical Data:

Type	Rated Operating Distance Sn	Mounting	Output	Voltage Range U ₀	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
F12-M12-OA41L/TB40	2mm	Flush	DC/AC NO	20...250VAC/DC	DC≤100mA/AC≤200mA	40Hz	-40...70°C	2m cable	Fig.1
F12-M12-CA41L/TB40	2mm	Flush	DC/AC NC	20...250VAC/DC	DC≤100mA/AC≤200mA	40Hz	-40...70°C	2m cable	Fig.1
Ni4-M12-OA41L/TB40	4mm	Non-flush	DC/AC NO	20...250VAC/DC	DC≤100mA/AC≤200mA	40Hz	-40...70°C	2m cable	Fig.2
Ni4-M12-CA41L/TB40	4mm	Non-flush	DC/AC NC	20...250VAC/DC	DC≤100mA/AC≤200mA	40Hz	-40...70°C	2m cable	Fig.2
F12-M12-OA41L-Q12/TB40	2mm	Flush	DC/AC NO	20...250VAC/DC	DC≤100mA/AC≤200mA	40Hz	-40...70°C	M12 Connector	Fig.3
F12-M12-CA41L-Q12/TB40	2mm	Flush	DC/AC NC	20...250VAC/DC	DC≤100mA/AC≤200mA	40Hz	-40...70°C	M12 Connector	Fig.3
Ni4-M12-OA41L-Q12/TB40	4mm	Non-flush	DC/AC NO	20...250VAC/DC	DC≤100mA/AC≤200mA	40Hz	-40...70°C	M12 Connector	Fig.4
Ni4-M12-CA41L-Q12/TB40	4mm	Non-flush	DC/AC NC	20...250VAC/DC	DC≤100mA/AC≤200mA	40Hz	-40...70°C	M12 Connector	Fig.4

Dimensions:

Fig.1

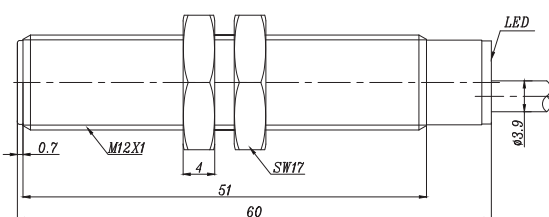


Fig.2

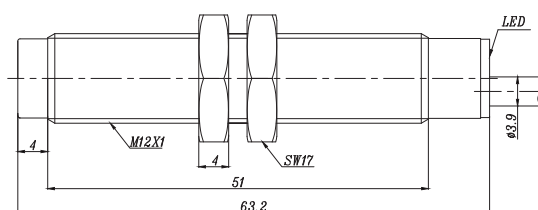


Fig.3

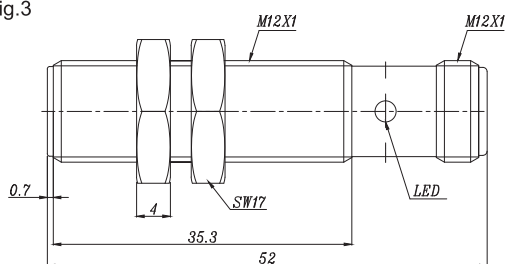


Fig.4

