

<< Inductive Sensor

All-Metal Inductive Sensor-M12



Description:

Integrated stainless steel housing, threaded barrel, DC 2-wire output, IP67 protection class, LED indicator, PUR cable.

Technical Data:

Type	Rated Operating Distance S_n	Mounting	Output	Voltage Range U_a	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
FI2-AM12-ON6L	2mm	Flush	NO NPN	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.1
FI2-AM12-CN6L	2mm	Flush	NC NPN	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.1
FI2-AM12-OP6L	2mm	Flush	NO PNP	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.1
FI2-AM12-CP6L	2mm	Flush	NC PNP	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.1
NI4-AM12-ON6L	4mm	Non-flush	NO NPN	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.2
NI4-AM12-CN6L	4mm	Non-flush	NC NPN	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.2
NI4-AM12-OP6L	4mm	Non-flush	NO PNP	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.2
NI4-AM12-CP6L	4mm	Non-flush	NC PNP	10...30VDC	≤200mA	200Hz	-25...70°C	2m cable	Fig.2
FI2-AM12-ON6L-Q12	2mm	Flush	NO NPN	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.3
FI2-AM12-CN6L-Q12	2mm	Flush	NC NPN	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.3
FI2-AM12-OP6L-Q12	2mm	Flush	NO PNP	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.3
FI2-AM12-CP6L-Q12	2mm	Flush	NC PNP	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.3
NI4-AM12-ON6L-Q12	4mm	Non-flush	NO NPN	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.4
NI4-AM12-CN6L-Q12	4mm	Non-flush	NC NPN	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.4
NI4-AM12-OP6L-Q12	4mm	Non-flush	NO PNP	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.4
NI4-AM12-CP6L-Q12	4mm	Non-flush	NC PNP	10...30VDC	≤200mA	200Hz	-25...70°C	M12 Connector	Fig.4

Dimensions:

Fig.1

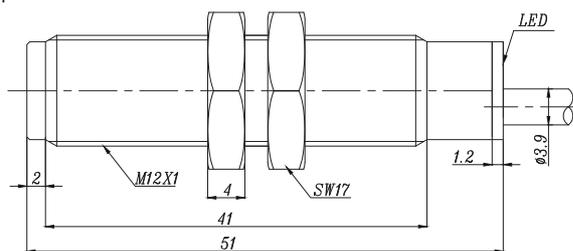


Fig.2

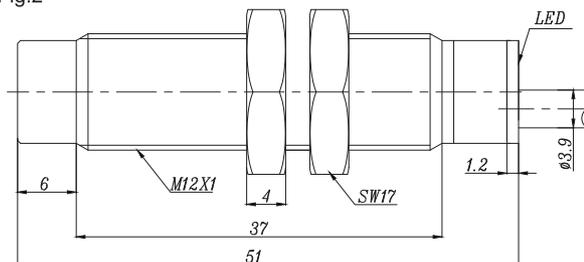


Fig.3

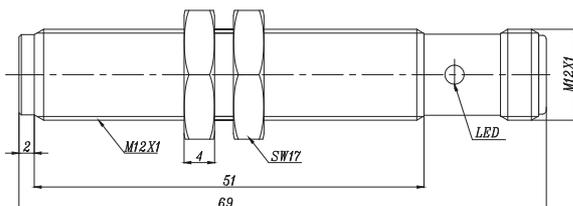
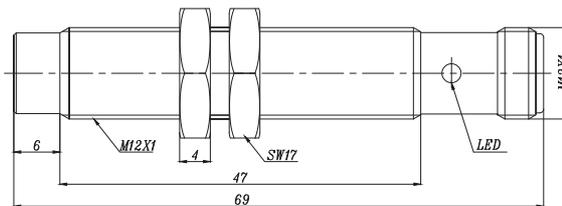


Fig.4



All-Metal Inductive Sensor-M12



Description:

Integrated stainless steel housing, threaded barrel, DC 3-wire output, IP67 protection class, LED indicator, PUR cable.

Technical Data:

Type	Rated Operating Distance S_n	Mounting	Output	Voltage Range U_B	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
FI2-AM12-OD6L	2mm	Flush	NO DC	10...30VDC	≤100mA	200Hz	-25...70°C	2m cable	Fig.1
FI2-AM12-CD6L	2mm	Flush	NC DC	10...30VDC	≤100mA	200Hz	-25...70°C	2m cable	Fig.1
NI4-AM12-OD6L	4mm	Non-flush	NO DC	10...30VDC	≤100mA	200Hz	-25...70°C	2m cable	Fig.2
NI4-AM12-CD6L	4mm	Non-flush	NC DC	10...30VDC	≤100mA	200Hz	-25...70°C	2m cable	Fig.2
FI2-AM12-OD6L-Q12	2mm	Flush	NO DC	10...30VDC	≤100mA	200Hz	-25...70°C	M12 Connector	Fig.3
FI2-AM12-CD6L-Q12	2mm	Flush	NC DC	10...30VDC	≤100mA	200Hz	-25...70°C	M12 Connector	Fig.3
NI4-AM12-OD6L-Q12	4mm	Non-flush	NO DC	10...30VDC	≤100mA	200Hz	-25...70°C	M12 Connector	Fig.4
NI4-AM12-CD6L-Q12	4mm	Non-flush	NC DC	10...30VDC	≤100mA	200Hz	-25...70°C	M12 Connector	Fig.4

Dimensions:

Fig.1

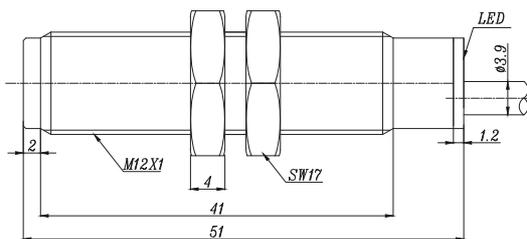


Fig.2

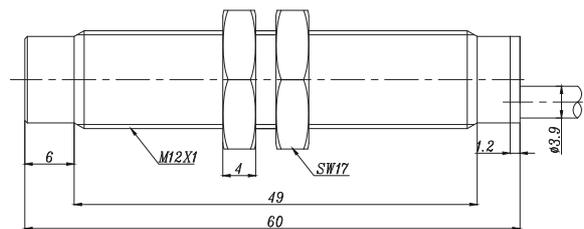


Fig.3

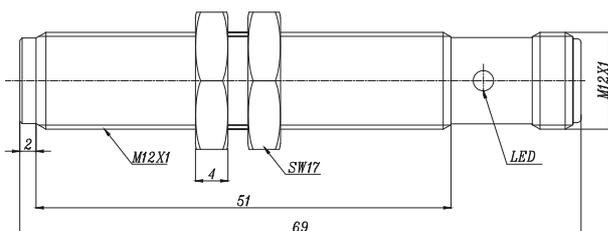
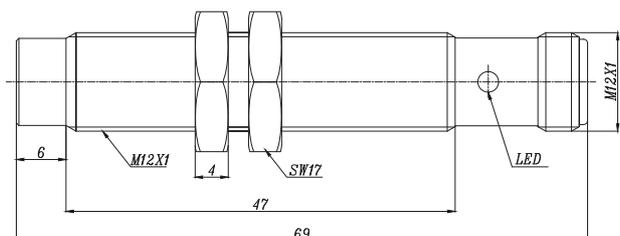


Fig.4



◀◀ Inductive Sensor

All-Metal Inductive Sensor-M12



Description:

Integrated stainless steel housing, threaded barrel, AC 2-wire output, IP67 protection class, LED indicator, PUR cable.

Technical Data:

Type	Rated Operating Distance S_n	Mounting	Output	Voltage Range U_B	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
FI2-AM12-OSA3L	2mm	Flush	NO AC	20...250VAC	≤200mA	40Hz	-25...70°C	2m cable	Fig.1
FI2-AM12-CSA3L	2mm	Flush	NC AC	20...250VAC	≤200mA	40Hz	-25...70°C	2m cable	Fig.1
NI4-AM12-OSA3L	4mm	Non-flush	NO AC	20...250VAC	≤200mA	40Hz	-25...70°C	2m cable	Fig.2
NI4-AM12-CSA3L	4mm	Non-flush	NC AC	20...250VAC	≤200mA	40Hz	-25...70°C	2m cable	Fig.2
FI2-AM12-OSA3L-Q12	2mm	Flush	NO AC	20...250VAC	≤200mA	40Hz	-25...70°C	M12 Connector	Fig.3
FI2-AM12-CSA3L-Q12	2mm	Flush	NC AC	20...250VAC	≤200mA	40Hz	-25...70°C	M12 Connector	Fig.3
NI4-AM12-OSA3L-Q12	4mm	Non-flush	NO AC	20...250VAC	≤200mA	40Hz	-25...70°C	M12 Connector	Fig.4
NI4-AM12-CSA3L-Q12	4mm	Non-flush	NC AC	20...250VAC	≤200mA	40Hz	-25...70°C	M12 Connector	Fig.4

Dimensions:

