Inductive Sensors

Temperature Extension-Low Temperature-M12

Descriptions

Metal housing, threaded barrel, DC-3 wire, function display LED, degree of protection IP67

Features

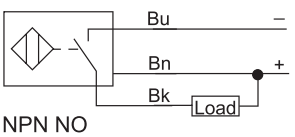
- General size
- Flush/non flush mounting
- High switching frequency
- Temperature range up to -40℃

Technical Data

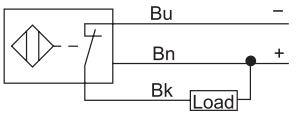
Type	Rated operating distance Sn	Mounting	Output function	Output type	Voltage range UB	Rated current	Switching frequency	Ambient temperature	Connection	Mechanical drawing
Fi2-M12-OP6L/TB40	2mm	flush	NO	PNP	10...30VDC	≤200mA	1500Hz	-40...70℃	2m cable	1
Fi2-M12-ON6L/TB40	2mm	flush	NO	NPN	10...30VDC	≤200mA	1500Hz	-40...70℃	2m cable	1
Fi2-M12-CP6L/TB40	2mm	flush	NC	PNP	10...30VDC	≤200mA	1500Hz	-40...70℃	2m cable	1
Fi2-M12-CN6L/TB40	2mm	flush	NC	NPN	10...30VDC	≤200mA	1500Hz	-40...70℃	2m cable	1
Ni4-M12-OP6L/TB40	4mm	non flush	NO	PNP	10...30VDC	≤200mA	1000Hz	-40...70℃	2m cable	2
Ni4-M12-ON6L/TB40	4mm	non flush	NO	NPN	10...30VDC	≤200mA	1000Hz	-40...70℃	2m cable	2
Ni4-M12-CP6L/TB40	4mm	non flush	NC	PNP	10...30VDC	≤200mA	1000Hz	-40...70℃	2m cable	2
Ni4-M12-CN6L/TB40	4mm	non flush	NC	NPN	10...30VDC	≤200mA	1000Hz	-40...70℃	2m cable	2
Fi2-M12-OP6L-Q12/TB40	2mm	flush	NO	PNP	10...30VDC	≤200mA	1500Hz	-40...70℃	M12 connector	3
Fi2-M12-ON6L-Q12/TB40	2mm	flush	NO	NPN	10...30VDC	≤200mA	1500Hz	-40...70℃	M12 connector	3
Fi2-M12-CP6L-Q12/TB40	2mm	flush	NC	PNP	10...30VDC	≤200mA	1500Hz	-40...70℃	M12 connector	3
Fi2-M12-CN6L-Q12/TB40	2mm	flush	NC	NPN	10...30VDC	≤200mA	1500Hz	-40...70℃	M12 connector	3
Ni4-M12-OP6L-Q12/TB40	4mm	non flush	NO	PNP	10...30VDC	≤200mA	1000Hz	-40...70℃	M12 connector	4
Ni4-M12-ON6L-Q12/TB40	4mm	non flush	NO	NPN	10...30VDC	≤200mA	1000Hz	-40...70℃	M12 connector	4
Ni4-M12-CP6L-Q12/TB40	4mm	non flush	NC	PNP	10...30VDC	≤200mA	1000Hz	-40...70℃	M12 connector	4
Ni4-M12-CN6L-Q12/TB40	4mm	non flush	NC	NPN	10...30VDC	≤200mA	1000Hz	-40...70℃	M12 connector	4

Connection Diagram

Cable



NPN NO



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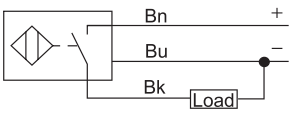

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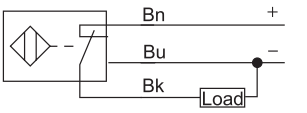
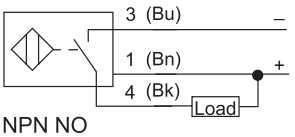


PNP NC

Connector



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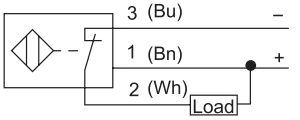
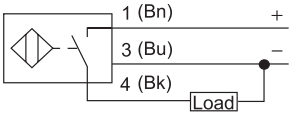


NPN NC



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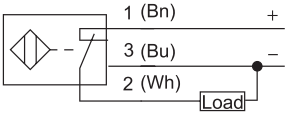

PNP NC

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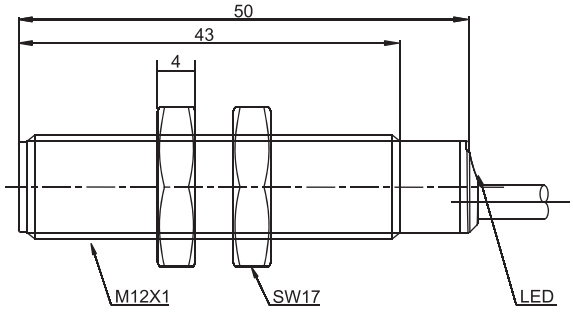
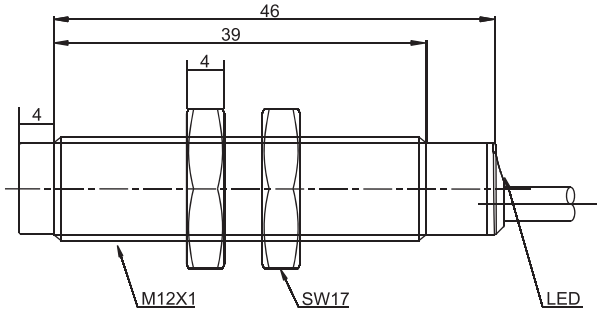
Mechanical Drawing

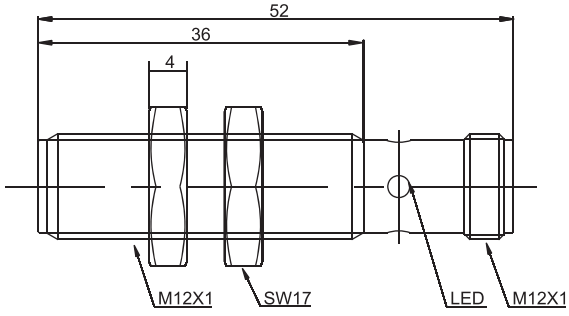
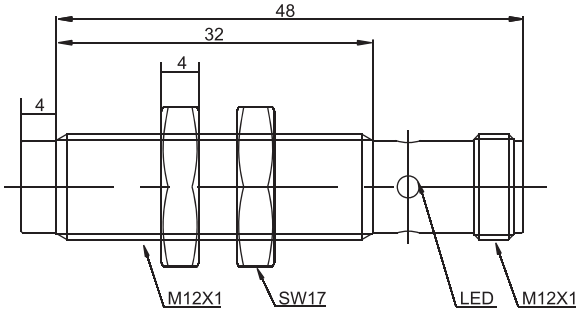
Drawing 1



Drawing 2



Drawing 3



Drawing 4