

Inductive Sensors

Wide Temperature Range -M12

Descriptions

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



Features

- Temperature range up to 100°C
- PNP/NPN output, various rectangular sizes
- High cost performance

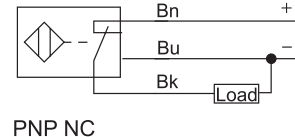
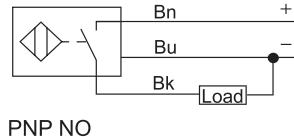
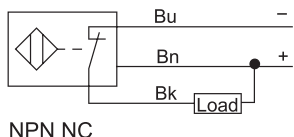
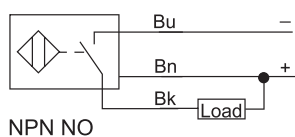


Technical Data

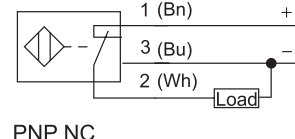
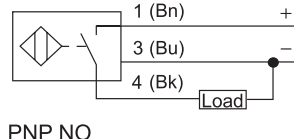
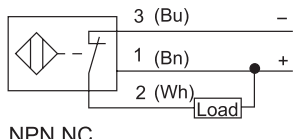
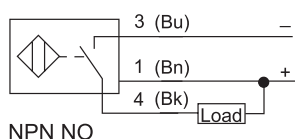
Type	Rated operating distance Sn	Mounting	Output function	Output type	Voltage range UB	Rated current	Switching frequency	Ambient temperature	Connection	Mechanical drawing
Fi2H-M12-OP6	2mm	flush	NO	PNP	10...30VDC	≤100mA	1500Hz	-25...100°C	2m cable	1
Fi2H-M12-ON6	2mm	flush	NO	NPN	10...30VDC	≤100mA	1500Hz	-25...100°C	2m cable	1
Fi2H-M12-CP6	2mm	flush	NC	PNP	10...30VDC	≤100mA	1500Hz	-25...100°C	2m cable	1
Fi2H-M12-CN6	2mm	flush	NC	NPN	10...30VDC	≤100mA	1500Hz	-25...100°C	2m cable	1
Ni4H-M12-OP6	4mm	non flush	NO	PNP	10...30VDC	≤100mA	1000Hz	-25...100°C	2m cable	2
Ni4H-M12-ON6	4mm	non flush	NO	NPN	10...30VDC	≤100mA	1000Hz	-25...100°C	2m cable	2
Ni4H-M12-CP6	4mm	non flush	NC	PNP	10...30VDC	≤100mA	1000Hz	-25...100°C	2m cable	2
Ni4H-M12-CN6	4mm	non flush	NC	NPN	10...30VDC	≤100mA	1000Hz	-25...100°C	2m cable	2
Fi2H-M12-OP6-Q12	2mm	flush	NO	PNP	10...30VDC	≤100mA	1500Hz	-25...100°C	M12 connector	3
Fi2H-M12-ON6-Q12	2mm	flush	NO	NPN	10...30VDC	≤100mA	1500Hz	-25...100°C	M12 connector	3
Fi2H-M12-CP6-Q12	2mm	flush	NC	PNP	10...30VDC	≤100mA	1500Hz	-25...100°C	M12 connector	3
Fi2H-M12-CN6-Q12	2mm	flush	NC	NPN	10...30VDC	≤100mA	1500Hz	-25...100°C	M12 connector	3
Ni4H-M12-OP6-Q12	4mm	non flush	NO	PNP	10...30VDC	≤100mA	1000Hz	-25...100°C	M12 connector	4
Ni4H-M12-ON6-Q12	4mm	non flush	NO	NPN	10...30VDC	≤100mA	1000Hz	-25...100°C	M12 connector	4
Ni4H-M12-CP6-Q12	4mm	non flush	NC	PNP	10...30VDC	≤100mA	1000Hz	-25...100°C	M12 connector	4
Ni4H-M12-CN6-Q12	4mm	non flush	NC	NPN	10...30VDC	≤100mA	1000Hz	-25...100°C	M12 connector	4

Connection Diagram

Cable



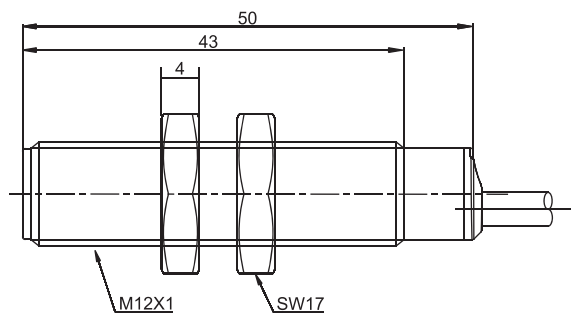
Connector



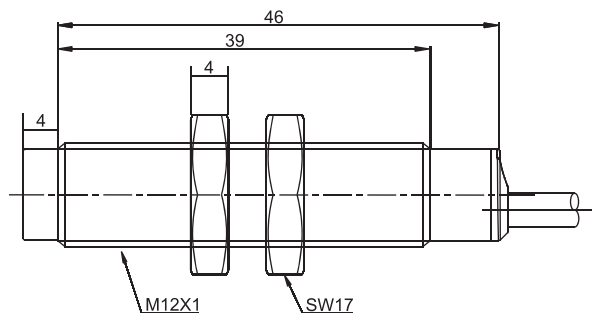
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Mechanical Drawing

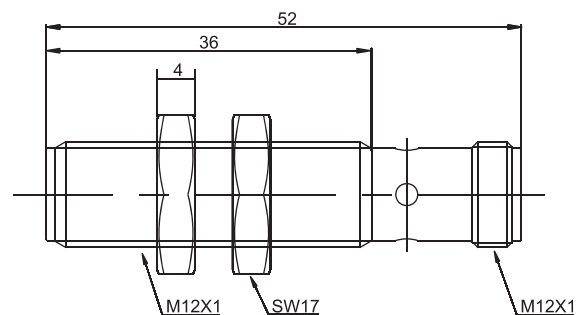
Drawing 1



Drawing 2



Drawing 3



Drawing 4

