

Inductive Sensors

All-Metal Inductive Sensor-M12

Descriptions

Stainless steel housing, threaded barrel, DC-3 wire, function display LED, degree of protection IP68



Features

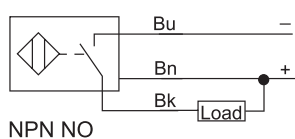
- Compact stainless steel housing
- Temperature range: -30...85°C
- Resistant against magnetic field
- Degree of protection IP68
- Ferromagnetic metal detection
- PUR cable (cable)

Technical Data

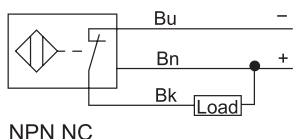
Type	Rated operating distance Sn	Mounting	Output function	Output type	Voltage range UB	Rated current	Switching frequency	Ambient temperature	Connection	Mechanical drawing
FI2-AM12-ON6L	2mm	flush	NO	NPN	10...30VDC	≤200mA	2KHZ	-30...85°C	2m cable	1
FI2-AM12-CN6L	2mm	flush	NC	NPN	10...30VDC	≤200mA	2KHZ	-30...85°C	2m cable	1
FI2-AM12-OP6L	2mm	flush	NO	PNP	10...30VDC	≤200mA	2KHZ	-30...85°C	2m cable	1
FI2-AM12-CP6L	2mm	flush	NC	PNP	10...30VDC	≤200mA	2KHZ	-30...85°C	2m cable	1
NI4-AM12-ON6L	4mm	non flush	NO	NPN	10...30VDC	≤200mA	1KHZ	-30...85°C	2m cable	1
NI4-AM12-CN6L	4mm	non flush	NC	NPN	10...30VDC	≤200mA	1KHZ	-30...85°C	2m cable	1
NI4-AM12-OP6L	4mm	non flush	NO	PNP	10...30VDC	≤200mA	1KHZ	-30...85°C	2m cable	1
NI4-AM12-CP6L	4mm	non flush	NC	PNP	10...30VDC	≤200mA	1KHZ	-30...85°C	2m cable	1
FI2-AM12-ON6L-Q12	2mm	flush	NO	NPN	10...30VDC	≤200mA	2KHZ	-30...85°C	M12 connector	2
FI2-AM12-CN6L-Q12	2mm	flush	NC	NPN	10...30VDC	≤200mA	2KHZ	-30...85°C	M12 connector	2
FI2-AM12-OP6L-Q12	2mm	flush	NO	PNP	10...30VDC	≤200mA	2KHZ	-30...85°C	M12 connector	2
FI2-AM12-CP6L-Q12	2mm	flush	NC	PNP	10...30VDC	≤200mA	2KHZ	-30...85°C	M12 connector	2
NI4-AM12-ON6L-Q12	4mm	non flush	NO	NPN	10...30VDC	≤200mA	1KHZ	-30...85°C	M12 connector	2
NI4-AM12-CN6L-Q12	4mm	non flush	NC	NPN	10...30VDC	≤200mA	1KHZ	-30...85°C	M12 connector	2
NI4-AM12-OP6L-Q12	4mm	non flush	NO	PNP	10...30VDC	≤200mA	1KHZ	-30...85°C	M12 connector	2
NI4-AM12-CP6L-Q12	4mm	non flush	NC	PNP	10...30VDC	≤200mA	1KHZ	-30...85°C	M12 connector	2

Connection Diagram

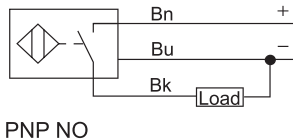
Cable



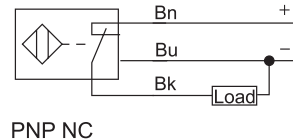
NPN NO



NPN NC

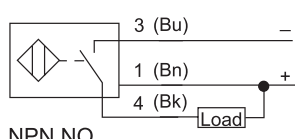


PNP NO

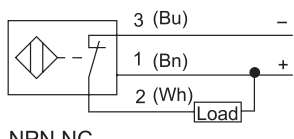


PNP NC

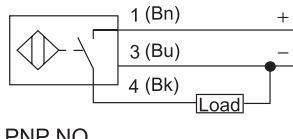
Connector



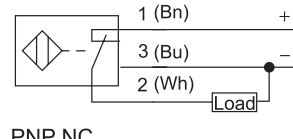
NPN NO



NPN NC



PNP NO

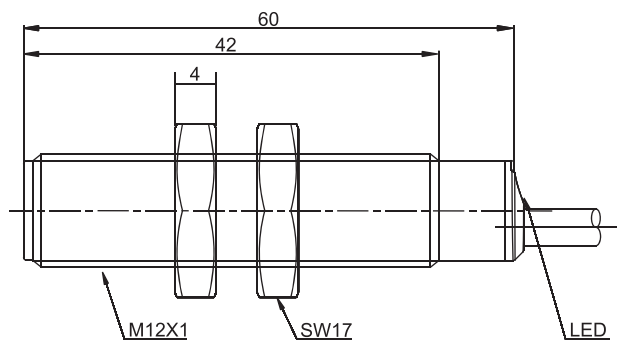


PNP NC

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Mechanical Drawing

Drawing 1



Drawing 2

