

Inductive Sensors

All-Metal Inductive Sensor-M18



Descriptions

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

Features

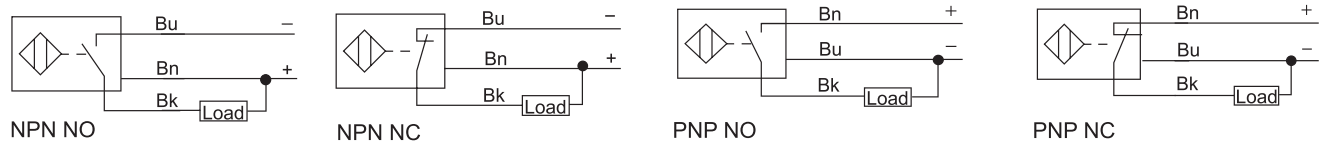
- Compact stainless steel housing
- Temperature range:-30...85°C
- Resistant against magnetic field
- Degree of protection IP68
- Ferromagnetic metal detection
- PUR cable (cable)

Technical Data

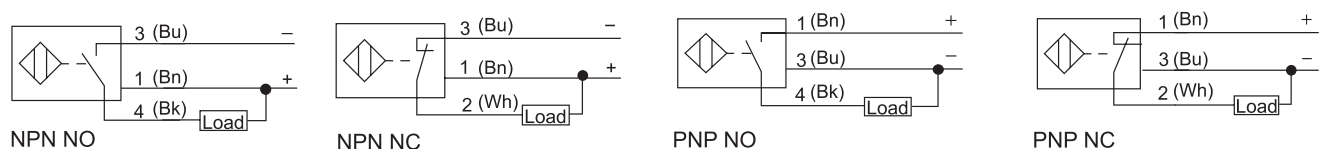
Type	Rated operating distance Sn	Mounting	Output function	Output type	Voltage range UB	Rated current	Switching frequency	Ambient temperature	Connection	Mechanical drawing
FI5-AM18-ON6L	5mm	flush	NO	NPN	10...30VDC	≤200mA	1KHZ	-30...85°C	2m cable	1
FI5-AM18-CN6L	5mm	flush	NO	NPN	10...30VDC	≤200mA	1KHZ	-30...85°C	2m cable	1
FI5-AM18-OP6L	5mm	flush	NO	PNP	10...30VDC	≤200mA	1KHZ	-30...85°C	2m cable	1
FI5-AM18-CP6L	5mm	flush	NO	PNP	10...30VDC	≤200mA	1KHZ	-30...85°C	2m cable	1
NI8-AM18-ON6L	8mm	non flush	NO	NPN	10...30VDC	≤200mA	500HZ	-30...85°C	2m cable	1
NI8-AM18-CN6L	8mm	non flush	NO	NPN	10...30VDC	≤200mA	500HZ	-30...85°C	2m cable	1
NI8-AM18-OP6L	8mm	non flush	NO	PNP	10...30VDC	≤200mA	500HZ	-30...85°C	2m cable	1
NI8-AM18-CP6L	8mm	non flush	NO	PNP	10...30VDC	≤200mA	500HZ	-30...85°C	2m cable	1
FI5-AM18-ON6L-Q12	5mm	flush	NO	NPN	10...30VDC	≤200mA	1KHZ	-30...85°C	M12 connector	2
FI5-AM18-CN6L-Q12	5mm	flush	NO	NPN	10...30VDC	≤200mA	1KHZ	-30...85°C	M12 connector	2
FI5-AM18-OP6L-Q12	5mm	flush	NO	PNP	10...30VDC	≤200mA	1KHZ	-30...85°C	M12 connector	2
FI5-AM18-CP6L-Q12	5mm	flush	NO	PNP	10...30VDC	≤200mA	1KHZ	-30...85°C	M12 connector	2
NI8-AM18-ON6L-Q12	8mm	non flush	NO	NPN	10...30VDC	≤200mA	500HZ	-30...85°C	M12 connector	2
NI8-AM18-CN6L-Q12	8mm	non flush	NO	NPN	10...30VDC	≤200mA	500HZ	-30...85°C	M12 connector	2
NI8-AM18-OP6L-Q12	8mm	non flush	NO	PNP	10...30VDC	≤200mA	500HZ	-30...85°C	M12 connector	2
NI8-AM18-CP6L-Q12	8mm	non flush	NO	PNP	10...30VDC	≤200mA	500HZ	-30...85°C	M12 connector	2

Connection

Cable



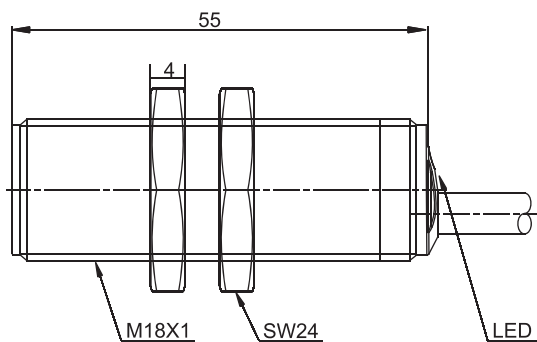
Connector



All-Metal Inductive Sensor-M18

Mechanical Drawing

Drawing 1



Drawing 2

