

# Inductive Sensors

## Temperature Extension-Low Temperature-M18

### Descriptions

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



### Features

- General size
- Flush/non flush mounting
- Temperature range up to -40°C

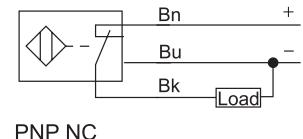
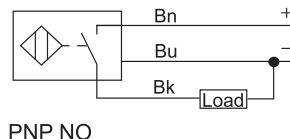
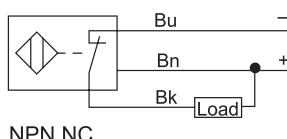
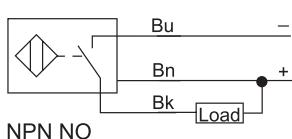


### Technical Data

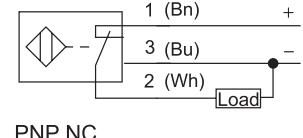
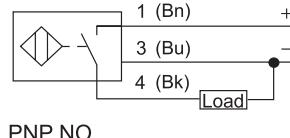
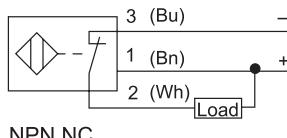
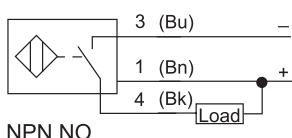
Type	Rated operating distance Sn	Mounting	Output function	Output type	Voltage range UB	Rated current	Switching frequency	Ambient temperature	Connection	Mechanical drawing
Fi5-M18-OP6L/TB40	5mm	flush	NO	PNP	10...30VDC	≤200mA	1000Hz	-40...70°C	2m cable	1
Fi5-M18-ON6L/TB40	5mm	flush	NO	NPN	10...30VDC	≤200mA	1000Hz	-40...70°C	2m cable	1
Fi5-M18-CP6L/TB40	5mm	flush	NC	PNP	10...30VDC	≤200mA	1000Hz	-40...70°C	2m cable	1
Fi5-M18-CN6L/TB40	5mm	flush	NC	NPN	10...30VDC	≤200mA	1000Hz	-40...70°C	2m cable	1
Ni8-M18-OP6L/TB40	8mm	non flush	NO	PNP	10...30VDC	≤200mA	800Hz	-40...70°C	2m cable	2
Ni8-M18-ON6L/TB40	8mm	non flush	NO	NPN	10...30VDC	≤200mA	800Hz	-40...70°C	2m cable	2
Ni8-M18-CP6L/TB40	8mm	non flush	NC	PNP	10...30VDC	≤200mA	800Hz	-40...70°C	2m cable	2
Ni8-M18-CN6L/TB40	8mm	non flush	NC	NPN	10...30VDC	≤200mA	800Hz	-40...70°C	2m cable	2
Fi5-M18-OP6L-Q12/TB40	5mm	flush	NO	PNP	10...30VDC	≤200mA	1000Hz	-40...70°C	M12 connector	3
Fi5-M18-ON6L-Q12/TB40	5mm	flush	NO	NPN	10...30VDC	≤200mA	1000Hz	-40...70°C	M12 connector	3
Fi5-M18-CP6L-Q12/TB40	5mm	flush	NC	PNP	10...30VDC	≤200mA	1000Hz	-40...70°C	M12 connector	3
Fi5-M18-CN6L-Q12/TB40	5mm	flush	NC	NPN	10...30VDC	≤200mA	1000Hz	-40...70°C	M12 connector	3
Ni8-M18-OP6L-Q12/TB40	8mm	non flush	NO	PNP	10...30VDC	≤200mA	800Hz	-40...70°C	M12 connector	4
Ni8-M18-ON6L-Q12/TB40	8mm	non flush	NO	NPN	10...30VDC	≤200mA	800Hz	-40...70°C	M12 connector	4
Ni8-M18-CP6L-Q12/TB40	8mm	non flush	NC	PNP	10...30VDC	≤200mA	800Hz	-40...70°C	M12 connector	4
Ni8-M18-CN6L-Q12/TB40	8mm	non flush	NC	NPN	10...30VDC	≤200mA	800Hz	-40...70°C	M12 connector	4

### Connection Diagram

#### Cable



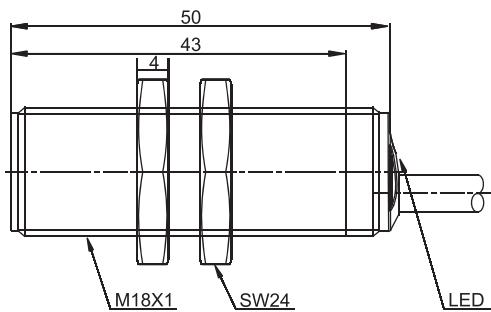
#### Connector



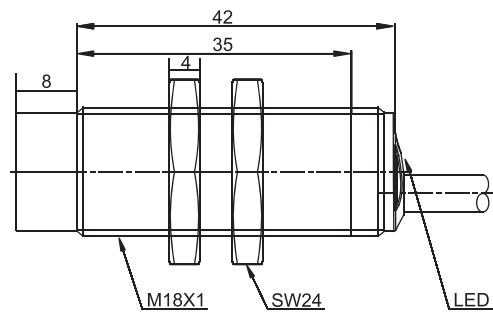
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### Mechanical Drawing

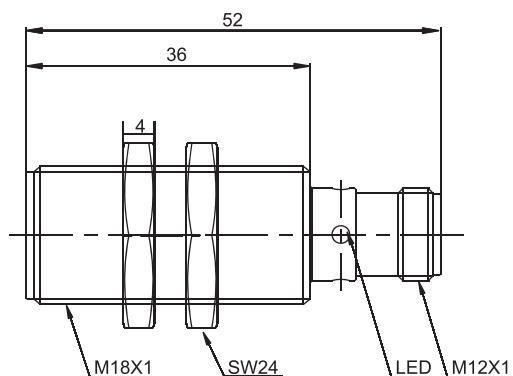
Drawing 1



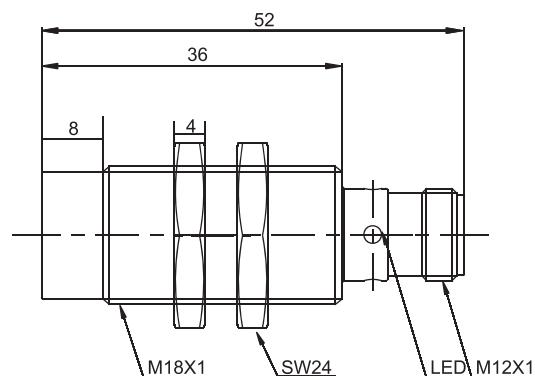
Drawing 2



Drawing 3



Drawing 4



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