

# Inductive Sensors

## Wide Temperature Range -M18

### 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

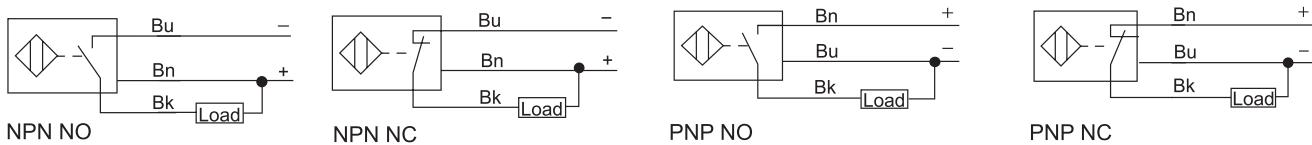


### Technical Data

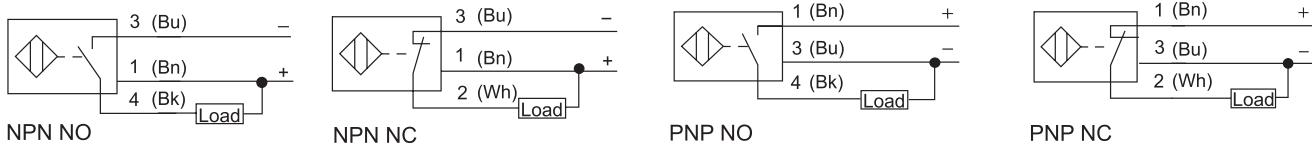
Type	Rated operating distance Sn	Mounting	Output function	Output type	Voltage range UB	Rated current	Switching frequency	Ambient temperature	Connection	Mechanical drawing
Fi5H-M18-OP6	5mm	flush	NO	PNP	10...30VDC	≤100mA	1000Hz	-25...100°C	2m cable	1
Fi5H-M18-ON6	5mm	flush	NO	NPN	10...30VDC	≤100mA	1000Hz	-25...100°C	2m cable	1
Fi5H-M18-CP6	5mm	flush	NC	PNP	10...30VDC	≤100mA	1000Hz	-25...100°C	2m cable	1
Fi5H-M18-CN6	5mm	flush	NC	NPN	10...30VDC	≤100mA	1000Hz	-25...100°C	2m cable	1
Ni8H-M18-OP6	8mm	non flush	NO	PNP	10...30VDC	≤100mA	800Hz	-25...100°C	2m cable	2
Ni8H-M18-ON6	8mm	non flush	NO	NPN	10...30VDC	≤100mA	800Hz	-25...100°C	2m cable	2
Ni8H-M18-CP6	8mm	non flush	NC	PNP	10...30VDC	≤100mA	800Hz	-25...100°C	2m cable	2
Ni8H-M18-CN6	8mm	non flush	NC	NPN	10...30VDC	≤100mA	800Hz	-25...100°C	2m cable	2
Fi5H-M18-OP6-Q12	5mm	flush	NO	PNP	10...30VDC	≤100mA	1000Hz	-25...100°C	M12 connector	3
Fi5H-M18-ON6-Q12	5mm	flush	NO	NPN	10...30VDC	≤100mA	1000Hz	-25...100°C	M12 connector	3
Fi5H-M18-CP6-Q12	5mm	flush	NC	PNP	10...30VDC	≤100mA	1000Hz	-25...100°C	M12 connector	3
Fi5H-M18-CN6-Q12	5mm	flush	NC	NPN	10...30VDC	≤100mA	1000Hz	-25...100°C	M12 connector	3
Ni8H-M18-OP6-Q12	8mm	non flush	NO	PNP	10...30VDC	≤100mA	800Hz	-25...100°C	M12 connector	4
Ni8H-M18-ON6-Q12	8mm	non flush	NO	NPN	10...30VDC	≤100mA	800Hz	-25...100°C	M12 connector	4
Ni8H-M18-CP6-Q12	8mm	non flush	NC	PNP	10...30VDC	≤100mA	800Hz	-25...100°C	M12 connector	4
Ni8H-M18-CN6-Q12	8mm	non flush	NC	NPN	10...30VDC	≤100mA	800Hz	-25...100°C	M12 connector	4

### Connection Diagram

#### Cable



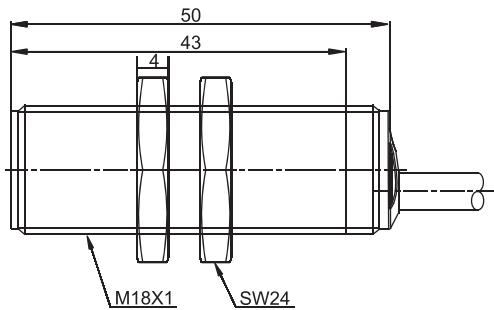
#### Connector



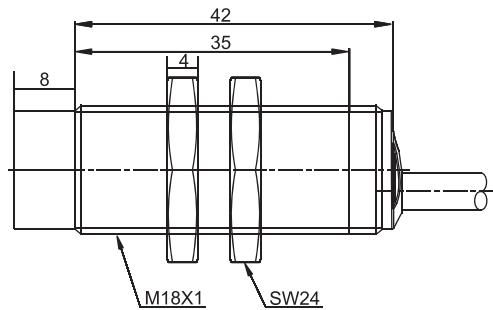
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### Mechanical Drawing

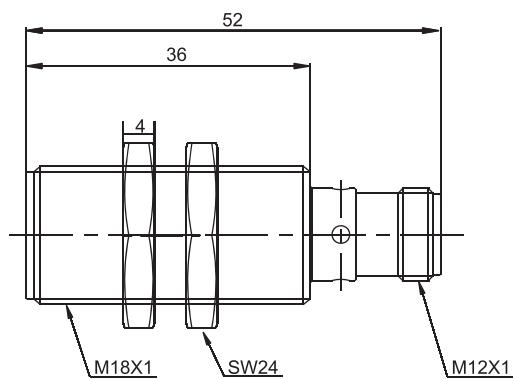
Drawing 1



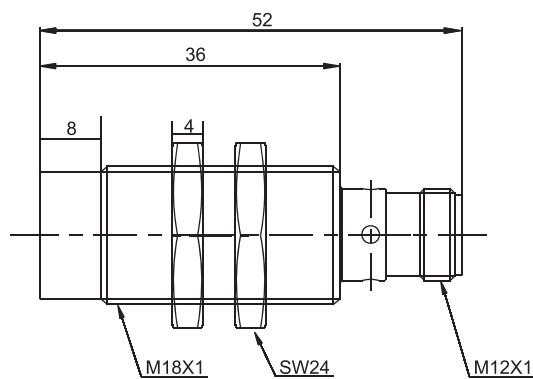
Drawing 2



Drawing 3



Drawing 4



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