

Inductive Sensors

Temperature Extension-High Temperature

Descriptions

Metal housing, threaded barrel, DC-3 wire



Features

- DC voltage supply
- Temperature range up to 120°C
- Standard alбата housing

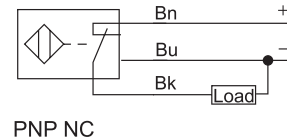
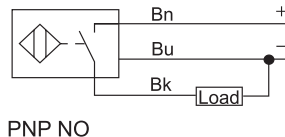
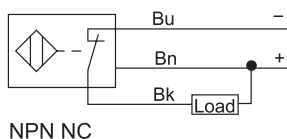
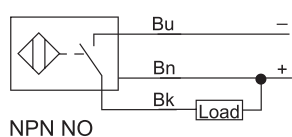


Technical Data

Type	Rated operating distance Sn	Mounting	Output function	Output type	Voltage range UB	Rated current	Switching frequency	Ambient temperature	Connection	Mechanical drawing
Fi2-M12-OP6/T120	2mm	flush	NO	PNP	10...30VDC	≤100mA	1500Hz	-25...120°C	2m cable	1
Fi2-M12-ON6/T120	2mm	flush	NO	NPN	10...30VDC	≤100mA	1500Hz	-25...120°C	2m cable	1
Fi2-M12-CP6/T120	2mm	flush	NC	PNP	10...30VDC	≤100mA	1500Hz	-25...120°C	2m cable	1
Fi2-M12-CN6/T120	2mm	flush	NC	NPN	10...30VDC	≤100mA	1500Hz	-25...120°C	2m cable	1
Ni4-M12-OP6/T120	4mm	non flush	NO	PNP	10...30VDC	≤100mA	1000Hz	-25...120°C	2m cable	2
Ni4-M12-ON6/T120	4mm	non flush	NO	NPN	10...30VDC	≤100mA	1000Hz	-25...120°C	2m cable	2
Ni4-M12-CP6/T120	4mm	non flush	NC	PNP	10...30VDC	≤100mA	1000Hz	-25...120°C	2m cable	2
Ni4-M12-CN6/T120	4mm	non flush	NC	NPN	10...30VDC	≤100mA	1000Hz	-25...120°C	2m cable	2
Fi5-M18-OP6/T120	5mm	flush	NO	PNP	10...30VDC	≤100mA	1000Hz	-25...120°C	2m cable	3
Fi5-M18-ON6/T120	5mm	flush	NO	NPN	10...30VDC	≤100mA	1000Hz	-25...120°C	2m cable	3
Fi5-M18-CP6/T120	5mm	flush	NC	PNP	10...30VDC	≤100mA	1000Hz	-25...120°C	2m cable	3
Fi5-M18-CN6/T120	5mm	flush	NC	NPN	10...30VDC	≤100mA	1000Hz	-25...120°C	2m cable	3
Ni8-M18-OP6/T120	8mm	non flush	NO	PNP	10...30VDC	≤100mA	800Hz	-25...120°C	2m cable	4
Ni8-M18-ON6/T120	8mm	non flush	NO	NPN	10...30VDC	≤100mA	800Hz	-25...120°C	2m cable	4
Ni8-M18-CP6/T120	8mm	non flush	NC	PNP	10...30VDC	≤100mA	800Hz	-25...120°C	2m cable	4
Ni8-M18-CN6/T120	8mm	non flush	NC	NPN	10...30VDC	≤100mA	800Hz	-25...120°C	2m cable	4
Fi10-M30-OP6/T120	10mm	flush	NO	PNP	10...30VDC	≤100mA	500Hz	-25...120°C	2m cable	5
Fi10-M30-ON6/T120	10mm	flush	NO	NPN	10...30VDC	≤100mA	500Hz	-25...120°C	2m cable	5
Fi10-M30-CP6/T120	10mm	flush	NC	PNP	10...30VDC	≤100mA	500Hz	-25...120°C	2m cable	5
Fi10-M30-CN6/T120	10mm	flush	NC	NPN	10...30VDC	≤100mA	500Hz	-25...120°C	2m cable	5
Ni15-M30-OP6/T120	15mm	non flush	NO	PNP	10...30VDC	≤100mA	300Hz	-25...120°C	2m cable	6
Ni15-M30-ON6/T120	15mm	non flush	NO	NPN	10...30VDC	≤100mA	300Hz	-25...120°C	2m cable	6
Ni15-M30-CP6/T120	15mm	non flush	NC	PNP	10...30VDC	≤100mA	300Hz	-25...120°C	2m cable	6
Ni15-M30-CN6/T120	15mm	non flush	NC	NPN	10...30VDC	≤100mA	300Hz	-25...120°C	2m cable	6

Connection Diagram

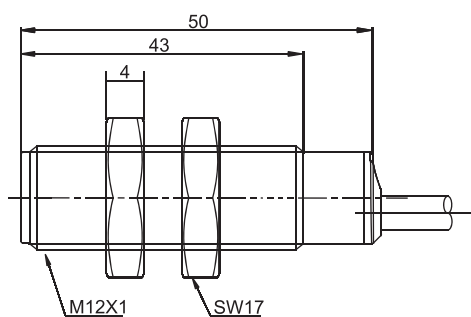
Cable



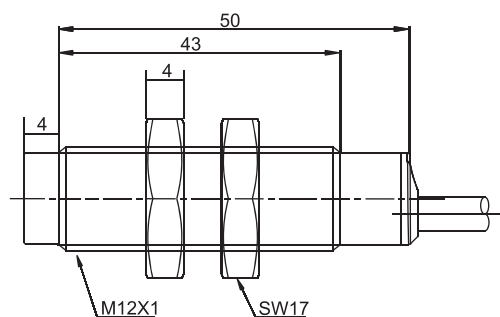
Temperature Extension-High Temperature

Mechanical Drawing

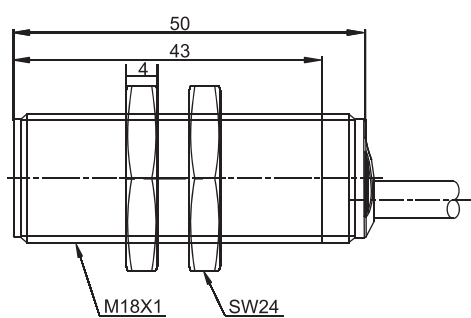
Drawing 1



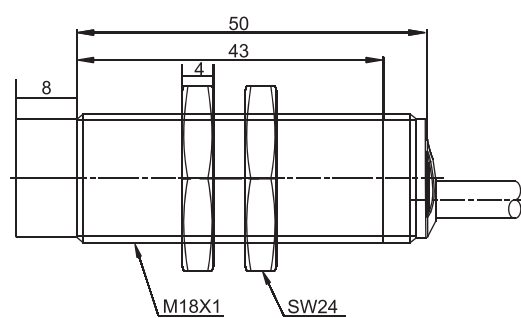
Drawing 2



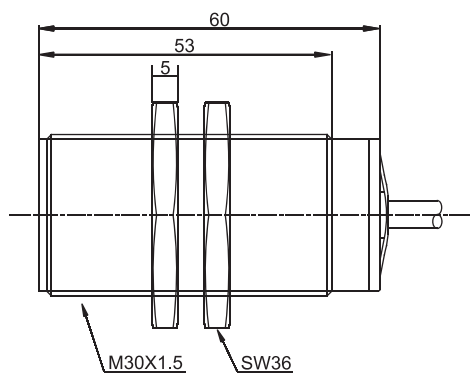
Drawing 3



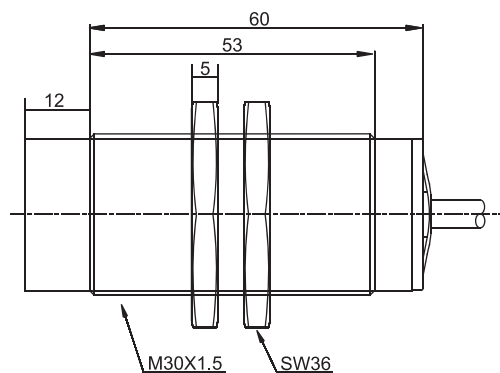
Drawing 4



Drawing 5



Drawing 6



Inductive Sensors

Temperature Extension-High Temperature

Descriptions

Stainless steel housing, barrel/rectangular, DC-3 wire



Features

- DC voltage supply
- Various temperature range: 140℃、150℃、180℃、230℃、250℃
- Ultimate-temperature resistant

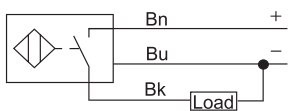


Technical Data

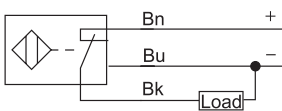
Type	Rated operating distance Sn	Mounting	Output function	Output type	Voltage range UB	Rated current	Switching frequency	Ambient temperature	Connection	Mechanical drawing
F12-KG08-OP6/T140	2mm	flush	NO	PNP	10...30VDC	120mA(≤100℃)/80mA(>100℃)	600Hz	-25...140℃	2m cable	1
F13-KG12-OP6/T150	3mm	flush	NO	PNP	10...30VDC	120mA(≤100℃)/70mA(>100℃)	500Hz	-25...150℃	2m cable	2
N14-KG12-OP6/T150	4mm	non flush	NO	PNP	10...30VDC	120mA(≤100℃)/70mA(>100℃)	500Hz	-25...150℃	2m cable	3
F15-KG18-OP6/T180	5mm	flush	NO	PNP	10...30VDC	≤150mA	400Hz	-25...180℃	2m cable	4
N18-KG18-OP6/T180	8mm	non flush	NO	PNP	10...30VDC	≤150mA	400Hz	-25...180℃	2m cable	5
F110-KG30-OP6/T180	10mm	flush	NO	PNP	10...30VDC	≤150mA	200Hz	-25...180℃	2m cable	6
N15-KG30-OP6/T180	15mm	non flush	NO	PNP	10...30VDC	≤150mA	200Hz	-25...180℃	2m cable	7
F110-KG30-OP6L/T230	10mm	flush	NO	PNP	10...30VDC	≤200mA	200Hz	-25...230℃	2m cable	8
N15-KG30-OP6L/T230	15mm	non flush	NO	PNP	10...30VDC	≤200mA	150Hz	-25...230℃	2m cable	9
*N125-CB40-BP6L-Q12/T250/CL15	25mm	non flush	NO+NC	PNP	10...30VDC	≤200mA	20Hz	0...250℃	M12 connector	10

Connection Diagram

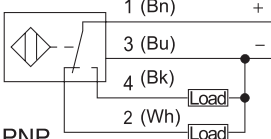
Cable



PNP NO



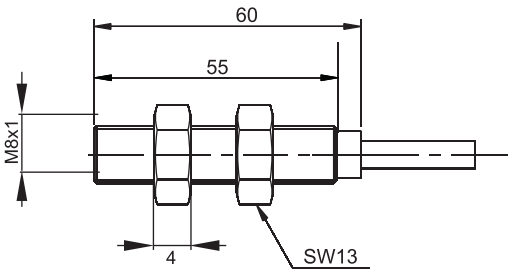
PNP NC



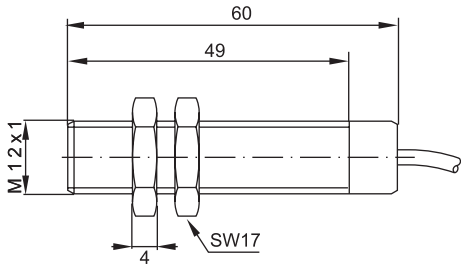
PNP
2 NC/ 4 NO

Mechanical Drawing

Drawing 1

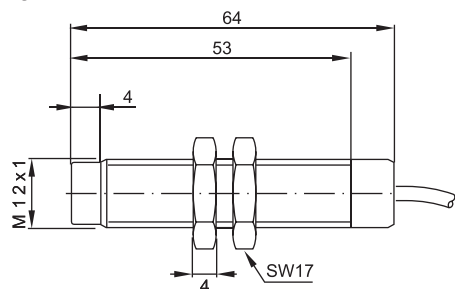


Drawing 2

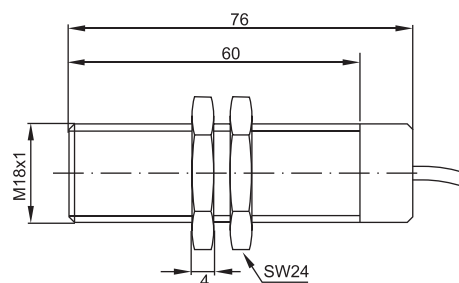


Temperature Extension-High Temperature

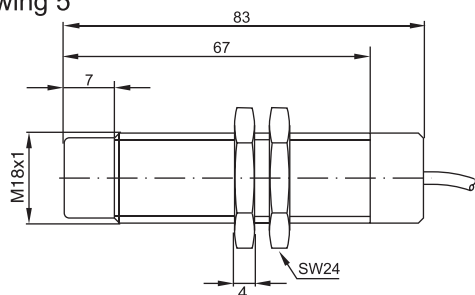
Drawing 3



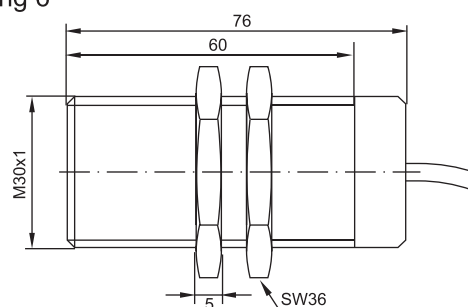
Drawing 4



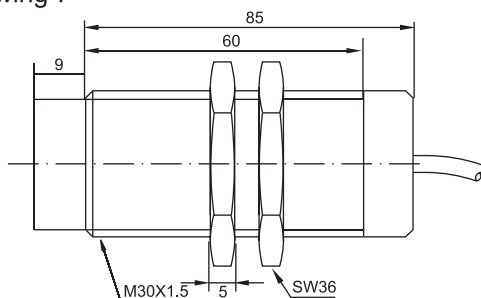
Drawing 5



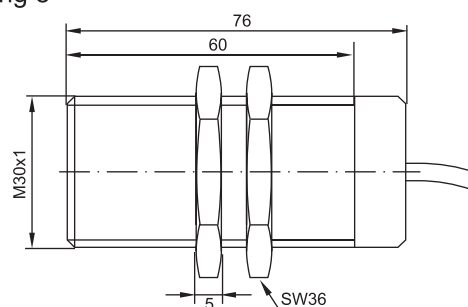
Drawing 6



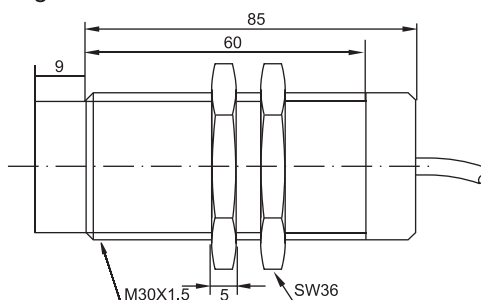
Drawing 7



Drawing 8



Drawing 9



Drawing 10

