

# High temperature sensor-KM30



- Stainless steel housing
- Threaded cylindrical housing
- Temperature-resistant up to 120°C
- IP67
- High-brightness LED indicator

## Technical Data

Type	Rated Operating Distance $S_n$	Mounting	Output	Voltage Range $U_B$	Rated Current	Switching Frequency	Ambient Temperature	Connection	Fig
Fi10-KM30-OD6L/T120	10mm	Flush	DC NO	10...30VDC	≤100mA	400Hz	-25...120°C	2m cable	Fig.1
Fi10-KM30-CD6L/T120	10mm	Flush	DC NC	10...30VDC	≤100mA	400Hz	-25...120°C	2m cable	Fig.1
Ni15-KM30-OD6L/T120	15mm	Non-flush	DC NO	10...30VDC	≤100mA	200Hz	-25...120°C	2m cable	Fig.2
Ni15-KM30-CD6L/T120	15mm	Non-flush	DC NC	10...30VDC	≤100mA	200Hz	-25...120°C	2m cable	Fig.2
Fi10-KM30-OP6L/T120	10mm	Flush	PNP NO	10...30VDC	≤100mA	400Hz	-25...120°C	2m cable	Fig.1
Fi10-KM30-CP6L/T120	10mm	Flush	PNP NC	10...30VDC	≤100mA	400Hz	-25...120°C	2m cable	Fig.1
Fi10-KM30-ON6L/T120	10mm	Flush	NPN NO	10...30VDC	≤100mA	400Hz	-25...120°C	2m cable	Fig.1
Fi10-KM30-CN6L/T120	10mm	Flush	NPN NC	10...30VDC	≤100mA	400Hz	-25...120°C	2m cable	Fig.1
Ni15-KM30-OP6L/T120	15mm	Non-flush	PNP NO	10...30VDC	≤100mA	200Hz	-25...120°C	2m cable	Fig.2
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Ni15-KM30-CN6L/T120	15mm	Non-flush	NPN NC	10...30VDC	≤100mA	200Hz	-25...120°C	2m cable	Fig.2
Fi10-KM30-BP6L/T120	10mm	Flush	PNP NO+NC	10...30VDC	≤100mA	400Hz	-25...120°C	2m cable	Fig.1
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Fi10-KM30-OSA3L/T120	10mm	Flush	AC NO	20...250VAC	≤200mA	40Hz	-25...120°C	2m cable	Fig.3
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Ni15-KM30-CSA3L/T120	15mm	Non-flush	AC NC	20...250VAC	≤200mA	40Hz	-25...120°C	2m cable	Fig.4
Fi10-KM30-OA41L/T120	10mm	Flush	DC/AC NO	20...250VAC/DC	DC≤100mA/ AC≤200mA	40Hz	-25...120°C	2m cable	Fig.3
Fi10-KM30-CA41L/T120	10mm	Flush	DC/AC NC	20...250VAC/DC	DC≤100mA/ AC≤200mA	40Hz	-25...120°C	2m cable	Fig.3
Ni15-KM30-OA41L/T120	15mm	Non-flush	DC/AC NO	20...250VAC/DC	DC≤100mA/ AC≤200mA	40Hz	-25...120°C	2m cable	Fig.4
Ni15-KM30-CA41L/T120	15mm	Non-flush	DC/AC NC	20...250VAC/DC	DC≤100mA/ AC≤200mA	40Hz	-25...120°C	2m cable	Fig.4

# High temperature sensor-KM30

## Dimensions

Fig.1

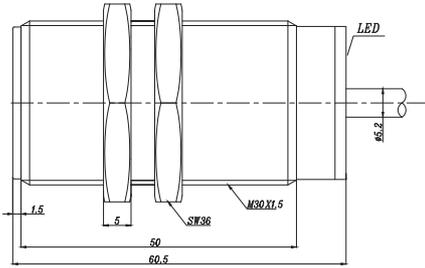


Fig.2

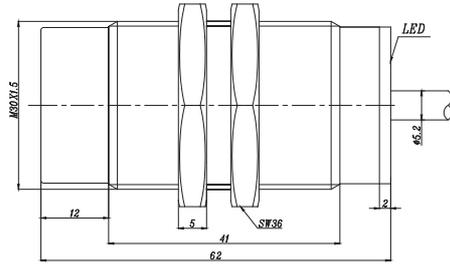


Fig.3

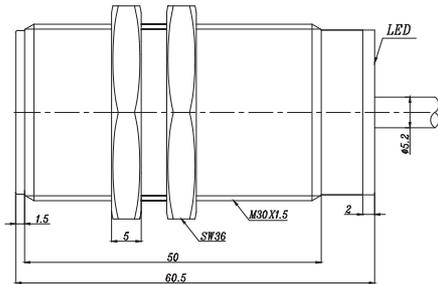
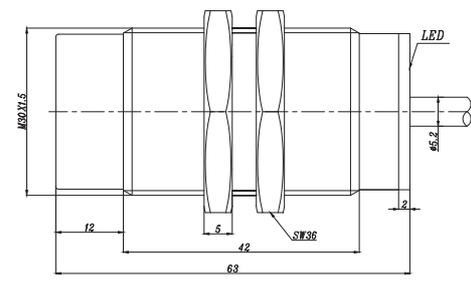
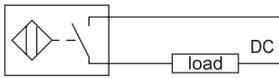


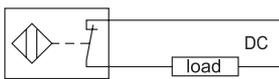
Fig.4



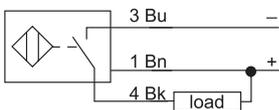
## Wiring diagram



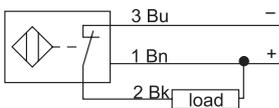
DC-2-wire NO



DC-2-wire NC



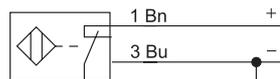
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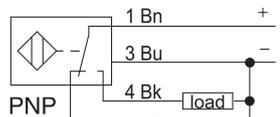
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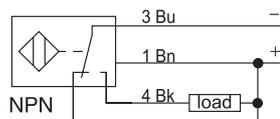
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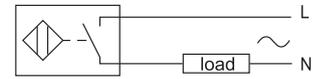
PNP NC



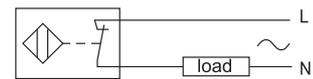
2 NC / 4 NO



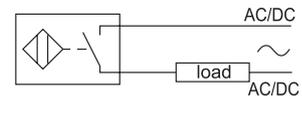
2 NC / 4 NO



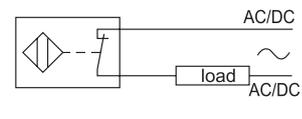
AC-2-wire NO



AC-2-wire NC



AC/DC-2-wire NO



AC/DC-2-wire NC

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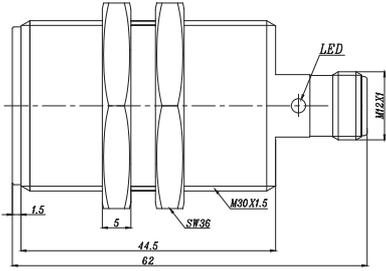


Fig.2

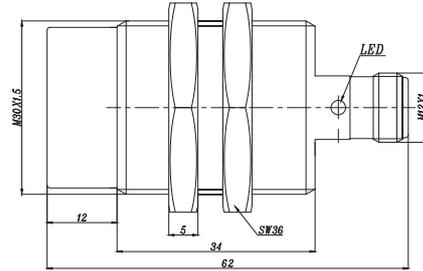


Fig.3

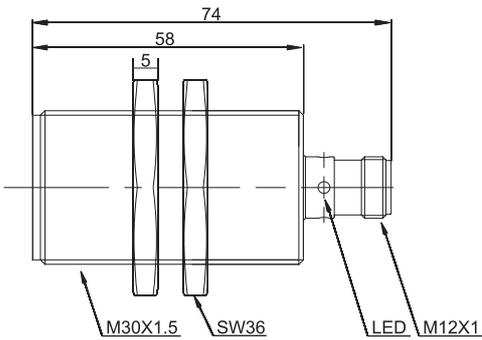
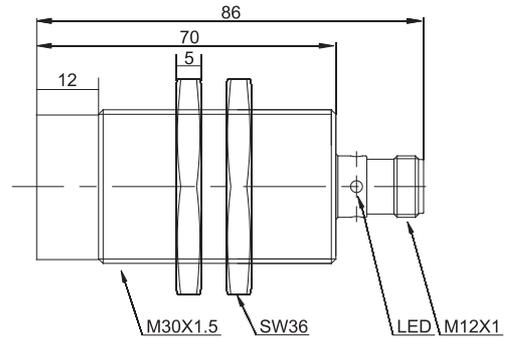
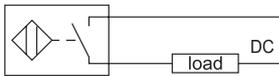


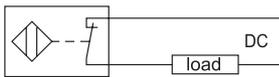
Fig.4



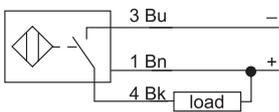
## Wiring diagram



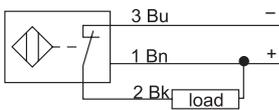
DC-2-wire NO



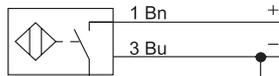
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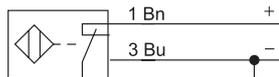
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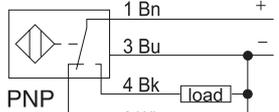
NPN NC



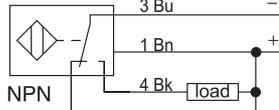
PNP NO



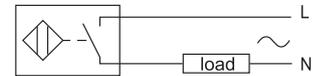
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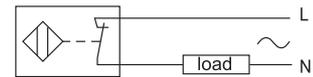
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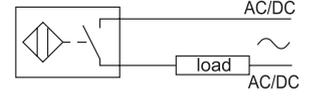
2 NC / 4 NO



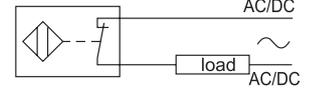
AC-2-wire NO



AC-2-wire NC



AC/DC-2-wire NO



AC/DC-2-wire NC