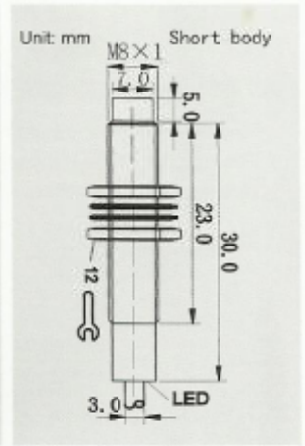
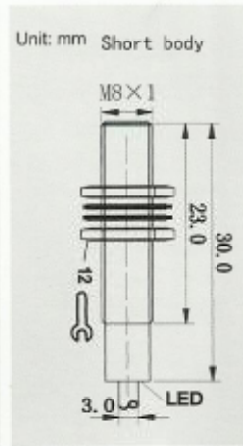
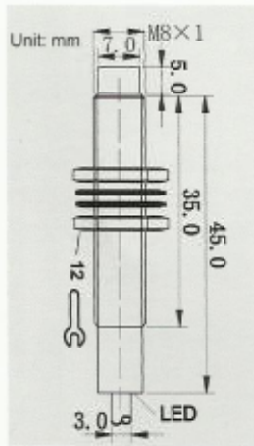
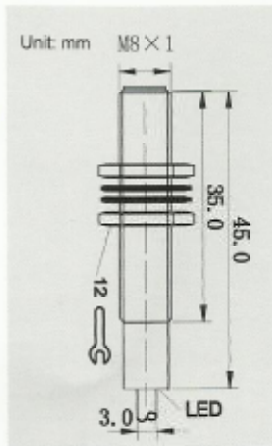


Diension	M8×1	M8×1	M8×1	M8×1
Installation	Flush (shielded)	Non-Flush (unshielded)	Flush (shielded)	Non-Flush (unshielded)
Mounting distance S_n	1.0mm	2.0mm	1.0mm	2.0mm
Detect distance S_a	0...0.9mm	0...1.8mm	0...0.9mm	0...1.8mm



DC 3 wires	NO	IPS-8PO1E	IPS-8PO2B	IPS-8PO1A-S	IPS-8PO2A-S
	NC	IPS-8PC1B	IPS-8PC2B	IPS-8PC1A-S	IPS-8PC2A-S
NPN DC 3 wires	NO	IPS-8NO1B	IPS-8NO2B	IPS-8NO1A-S	IPS-8NO2A-S
	NC	IPS-8NC1B	IPS-8NC2B	IPS-8NC1A-S	IPS-8NC2A-S
DC 2 wires	NO	IPS-8DO1B	IPS-8DO2B		
	NC	IPS-8DC1B	IPS-8DC2B		

Rated operational voltage	24 V DC	24 V DC	24 V DC	24 V DC
Supply voltage	10...30 V DC	10...30 V DC	10...30 V DC	10...30 V DC
Voltage drop	≤ 2 V	≤ 2 V	≤ 2 V	≤ 2 V
Rated insulation voltage	≥ 20MΩ	≥ 20MΩ	≥ 20MΩ	≥ 20MΩ
Load current capacity	200 mA	200 mA	100 mA	100 mA
Off-state current (NPN/PNP)	≤ 11 mA	≤ 11 mA	≤ 11 mA	≤ 10 mA
Leak current	≤ 20 μA	≤ 20 μA	≤ 20 μA	≤ 20 μA
Against polarity reversal	YES	YES	YES	YES
Short circuit protected	YES	YES	YES	YES
Load capacity	≤ 0.5 μF	≤ 0.5 μF	≤ 0.5 μF	≤ 0.5 μF
Repeated accuracy	≤ 5%	≤ 5%	≤ 5%	≤ 5%
Ambient temperature range	-15...+60°C	-15...+60°C	-15...+60°C	-15...+60°C
Operating frequency	1.5K~2K Hz	1.5K~2K Hz	1.5K~2K Hz	1.5K~2K Hz
Function indication	Red LED Indicator	Red LED Indicator	Red LED Indicator	Red LED Indicator
IP ratings	IP67	IP67	IP67	IP67
Housing material	Nickle plated brass	Nickle plated brass	Nickle plated brass	Nickle plated brass
Material of sensing face	ABS	ABS	ABS	ABS
Connection	Wires	Wires	Wires	Wires
No. of wires x gauge	9×0.15mm	9×0.15mm	9×0.15mm	9×0.15mm
Standard length of cable	2m	2m	2m	2m
Plug-in connector	/	/	/	/
Approvals	CE	CE	CE	CE

1. For connection drawing, please refer to instruction manual.
2. Cable and housing of sensor can be special ordered.
3. DC5V or AC 24-250V can be special ordered.