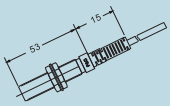
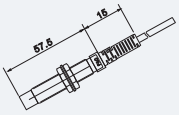
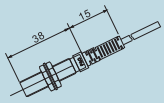
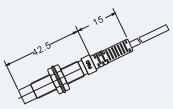
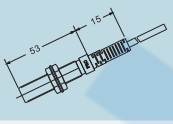
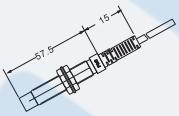
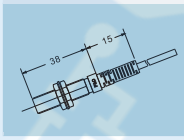
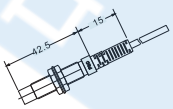
M8 proximity sensor



Features:

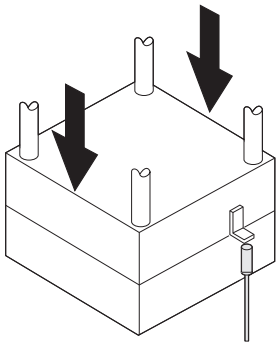
- 360 degree LED indicator.
- Optional screw length and sensing distance.
- Stainless steel shell, strong power of anti-interference..
- DC 12 to 24V power supply with built-in amplifier.
- High bending performance, protective sleeves design in the wiring port.

Procurement guide:

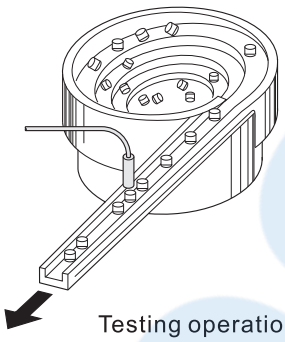
Category	Model	Out Put Method	Detection Distance	Standard Detection	Entry Cable
	F3C-08KS01-N R2M F3C-08KS01-N2 R2M F3C-08KS01-P R2M F3C-08KS01-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 1mm 0~0. 8mm (Stable detection range)	8×8×1 (iron)	Φ3×2M/3-wires M8 connector with 150mm pre-wire cable M8 connector
	F3C-08KN02-N R2M F3C-08KN02-N2 R2M F3C-08KN02-P R2M F3C-08KN02-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 2mm 0~1. 6mm (Stable detection range)	8×8×1 (iron)	Φ3×2M/3-wires M8 connector with 150mm pre-wire cable M8 connector
	F3C-08ES01-N R2M F3C-08ES01-N2 R2M F3C-08ES01-P R2M F3C-08ES01-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 1mm 0~0. 8mm (Stable detection range)	8×8×1 (iron)	Φ3×2M/3-wires M8 connector with 150mm pre-wire cable M8 connector
	F3C-08EN02-N R2M F3C-08EN02-N2 R2M F3C-08EN02-P R2M F3C-08EN02-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 2mm 0~1. 6mm (Stable detection range)	8×8×1 (iron)	Φ3×2M/3-wires M8 connector with 150mm pre-wire cable M8 connector
	F3L-08KS02-N R2M F3L-08KS02-N2 R2M F3L-08KS02-P R2M F3L-08KS02-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 2mm 0~1. 6mm (Stable detection range)	8×8×1 (iron)	Φ3×2M/3-wires M8 connector with 150mm pre-wire cable M8 connector
	F3L-08KN04-N R2M F3L-08KN04-N2 R2M F3L-08KN04-P R2M F3L-08KN04-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 4mm 0~3.2mm (Stable detection range)	12×12×1(iron)	Φ3×2M/3-wires M8 connector with 150mm pre-wire cable M8 connector
	F3L-08ES02-N R2M F3L-08ES02-N2 R2M F3L-08ES02-P R2M F3L-08ES02-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 2mm 0~1. 6mm (Stable detection range)	8×8×1 (iron)	Φ3×2M/3-wires M8 connector with 150mm pre-wire cable M8 connector
	F3L-08EN04-N R2M F3L-08EN04-N2 R2M F3L-08EN04-P R2M F3L-08EN04-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 4mm 0~3.2mm (Stable detection range)	12×12×1(iron)	Φ3×2M/3-wires M8 connector with 150mm pre-wire cable M8 connector

Note: /D=M8 connector /15D= M8 connector with 150mm pre-wire cable
2-wires and 5V DC can be customized

M8 proximity sensor



Detection of mold positioning



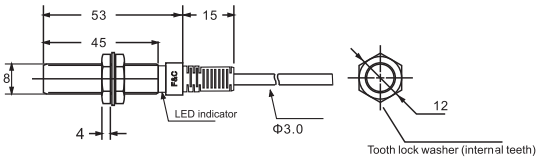
Testing operations Plate Count

Specifications \ Model	Standard Head Shield	Standard Head Non-shield	Short Head shield	Short Head Non-shield
Haplotype distance	F3C-08KS01-N R2M F3C-08KS01-N2 R2M F3C-08KS01-P R2M F3C-08KS01-P2 R2M	F3C-08KN02-N R2M F3C-08KN02-N2 R2M F3C-08KN02-P R2M F3C-08KN02-P2 R2M	F3C-08ES01-N R2M F3C-08ES01-N2 R2M F3C-08ES01-P R2M F3C-08ES01-P2 R2M	F3C-08EN02-N R2M F3C-08EN02-N2 R2M F3C-08EN02-P R2M F3C-08EN02-P2 R2M
Double distance	F3L-08KS02-N R2M F3L-08KS02-N2 R2M F3L-08KS02-P R2M F3L-08KS02-P2 R2M	F3L-08KN04-N R2M F3L-08KN04-N2 R2M F3L-08KN04-P R2M F3L-08KN04-P2 R2M	F3L-08ES02-N R2M F3L-08ES02-N2 R2M F3L-08ES02-P R2M F3L-08ES02-P2 R2M	F3L-08EN04-N R2M F3L-08EN04-N2 R2M F3L-08EN04-P R2M F3L-08EN04-P2 R2M
Scanning distance	1mm	2mm	1mm	2mm
Recommened distance	0.8mm	1.6mm	0.8mm	1.6mm
Scanning distance	2mm	4mm	2mm	4mm
Recommened distance	1.6mm	3.2mm	1.6mm	3.2mm
Standard sensing object	8×8×1 12×12×1 (iron)			
Response Frequency	1000Hz			
Hysteresis	≤10%			
Operating voltage	12~24VDC 10%			
Current consumption	＜10 mA No-load			
Load current	24V 100mA MAX			
Leakage current	< 0.01mA No-load			
Protection circuit	Reversed supply circuit protection, short circuit protection output			
Residual voltage	＜1. 0VDC			
Operating temperature	-25℃～+70℃			
Material	PBT and SUS304			
Wiring method	Ø3.0×2M/3-wires			
Protection degree	IP67			

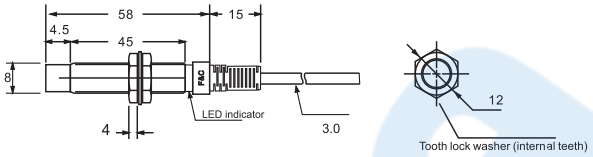
M8 proximity sensor

Wire type:

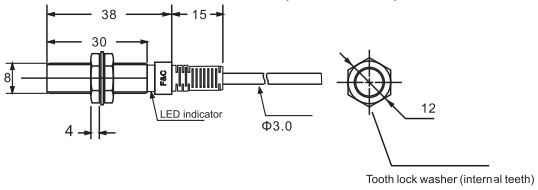
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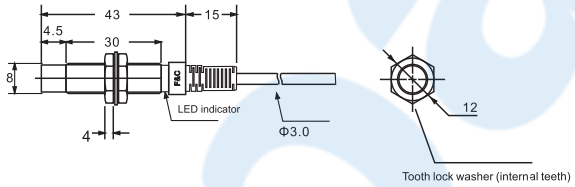
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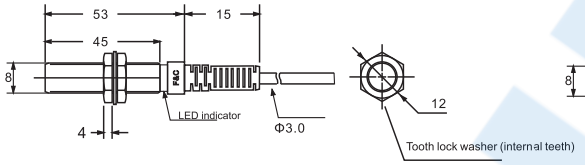
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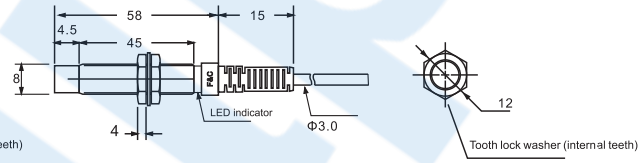
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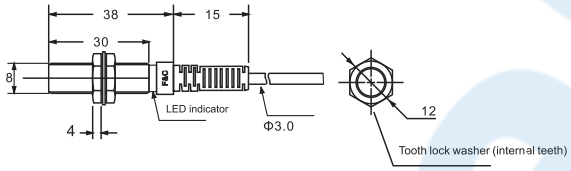
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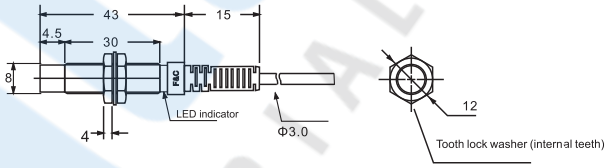
F3L-08KN04-N R2M(N2/P/P2)



F3L-08ES02-N R2M(N2/P/P2)

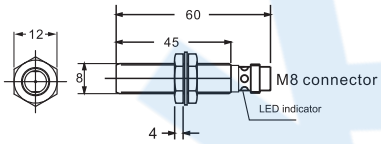


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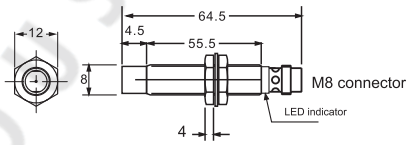


Connector type:

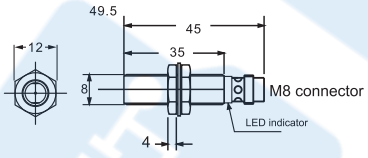
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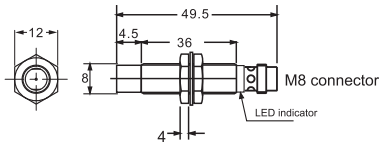
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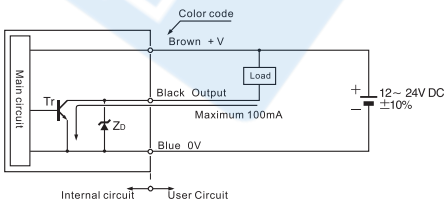
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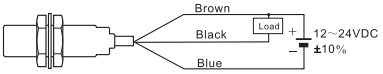


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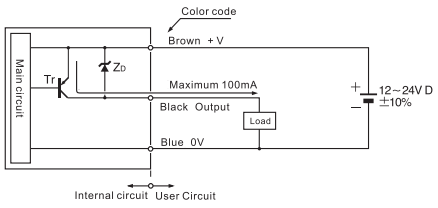


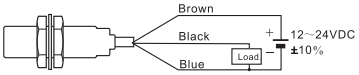
NPN. NO/NPN. NC





PNP. NO/PNP. NC







1 12-24VDC
2 Control output
3 0V