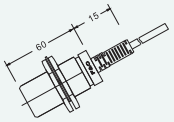
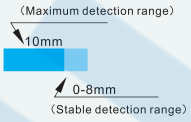
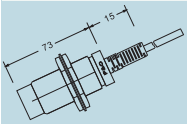
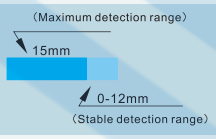
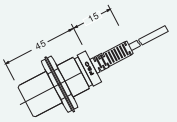
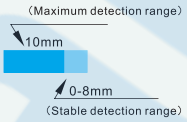
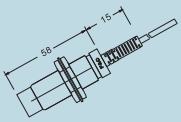
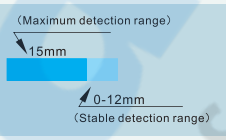
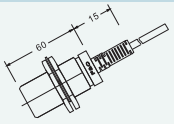
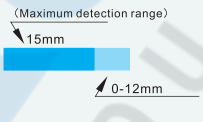
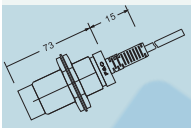
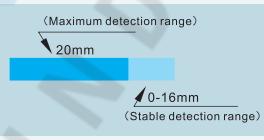
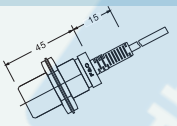
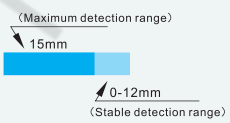
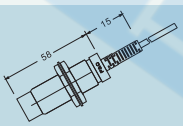
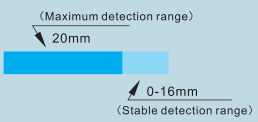
M30 proximity sensor



Features:

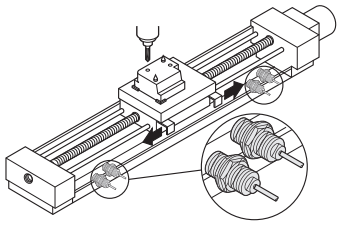
- 360 degree LED indicator.
- Optional screw length and sensing distance.
- Stainless steel shell, strong power of anti-interference..
- DC 12 to 24V power supply with built-in amplifier.
- High bending performance, protective sleeves design in the wiring port.

Procurement guide:

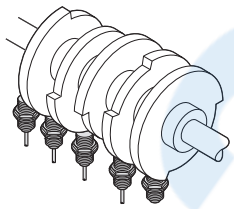
Category	Model	Out Put Method	Detection Distance	Standard Detection	Entry Cable
	F3C-30KS10-N R2M F3C-30KS10-N2 R2M F3C-30KS10-P R2M F3C-30KS10-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC		30×30×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3C-30KN15-N R2M F3C-30KN15-N2 R2M F3C-30KN15-P R2M F3C-30KN15-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC		45×45×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable
	F3C-30ES10-N R2M F3C-30ES10-N2 R2M F3C-30ES10-P R2M F3C-30ES10-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC		30×30×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3C-30EN15-N R2M F3C-30EN15-N2 R2M F3C-30EN15-P R2M F3C-30EN15-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC		45×45×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3L-30KS15-N R2M F3L-30KS15-N2 R2M F3L-30KS15-P R2M F3L-30KS15-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC		45×45×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3L-30KN20-N R2M F3L-30KN20-N2 R2M F3L-30KN20-P R2M F3L-30KN20-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC		60×60×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3L-30ES15-N R2M F3L-30ES15-N2 R2M F3L-30ES15-P R2M F3L-30ES15-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC		45×45×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3L-30EN20-N R2M F3L-30EN20-N2 R2M F3L-30EN20-P R2M F3L-30EN20-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC		60×60×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector

Note: /D=M12 connector /15D= M8 connector with 150mm pre-wire cable
2-wires and 5V DC can be customized

M30 proximity sensor



Slide positioning accuracy



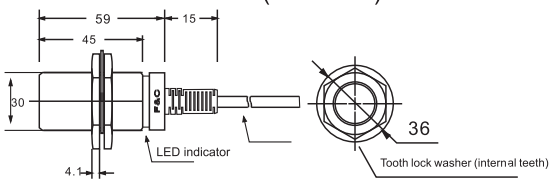
High-speed cam signal

Model	Standard Head Shield	Standard Head Non-shield	Short Head shield	Short Head Non-shield
Haplotype distance	F3C-30KS10-N R2M F3C-30KS10-N2 R2M F3C-30KS10-P R2M F3C-30KS10-P2 R2M	F3C-30KN15-N R2M F3C-30KN15-N2 R2M F3C-30KN15-P R2M F3C-30KN15-P2 R2M	F3C-30ES10-N R2M F3C-30ES10-N2 R2M F3C-30ES10-P R2M F3C-30ES10-P2 R2M	F3C-30EN15-N R2M F3C-30EN15-N2 R2M F3C-30EN15-P R2M F3C-30EN15-P2 R2M
Double distance	F3L-30KS15-N R2M F3L-30KS15-N2 R2M F3L-30KS15-P R2M F3L-30KS15-P2 R2M	F3L-30KN20-N R2M F3L-30KN20-N2 R2M F3L-30KN20-P R2M F3L-30KN20-P2 R2M	F3L-30ES15-N R2M F3L-30ES15-N2 R2M F3L-30ES15-P R2M F3L-30ES15-P2 R2M	F3L-30EN20-N R2M F3L-30EN20-N2 R2M F3L-30EN20-P R2M F3L-30EN20-P2 R2M
Scanning distance Recommened distance	10mm 8mm	15mm 12mm	10mm 8mm	15mm 12mm
Scanning distance Recommened distance	15mm 12mm	20mm 16mm	15mm 12mm	20mm 16mm
Standard sensing object	30×30×1 45×45×1 60×60×1 (iron)			
Response Frequency	800Hz			
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			
Wiring method	Φ4×2M/3-wires			
Protection degree	IP67			

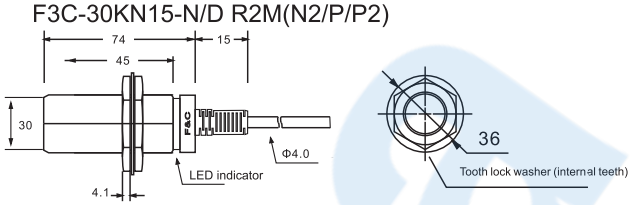
M30 proximity sensor

Wire type:

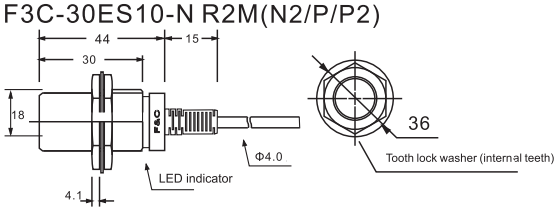
F3C-30KS10-N R2M(N2/P/P2)



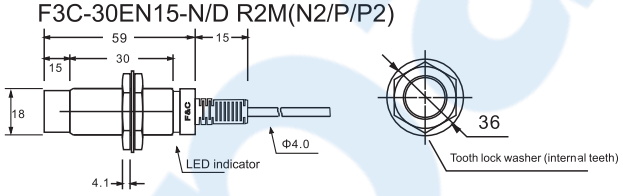
F3C-30KN15-N/D R2M(N2/P/P2)



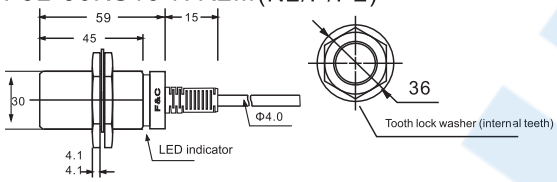
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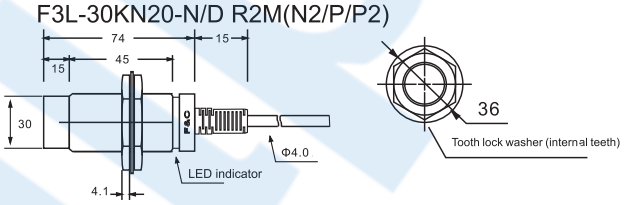
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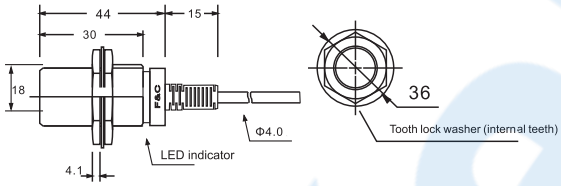
F3L-30KS15-N R2M(N2/P/P2)



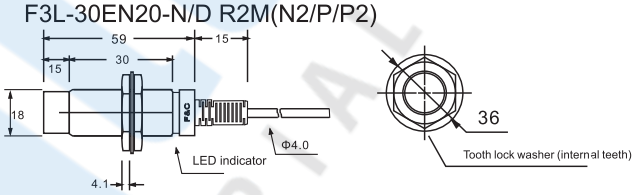
F3L-30KN20-N/D R2M(N2/P/P2)



F3L-30ES15-N R2M(N2/P/P2)

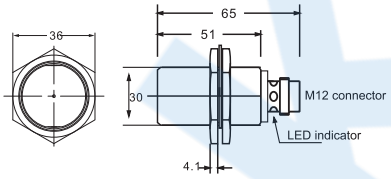


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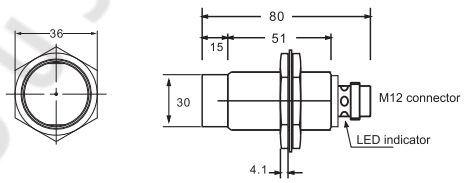


Connector type:

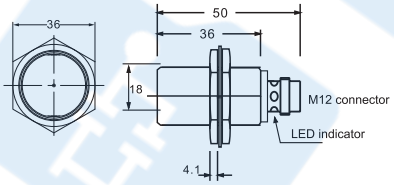
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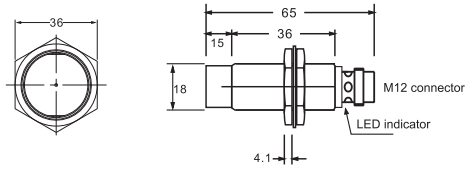
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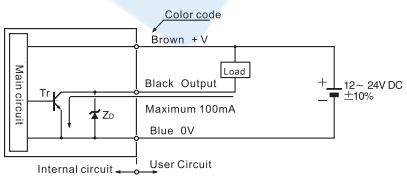
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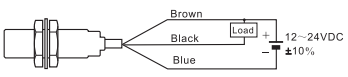


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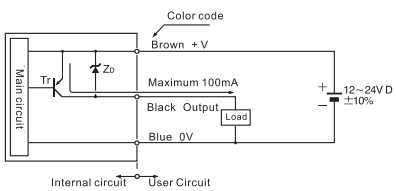


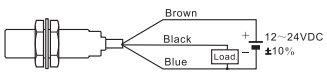
NPN. NO/NPN. NC

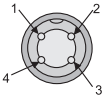




PNP. NO/PNP. NC







1.
2.12~24VDC
3. Output control
4.0V