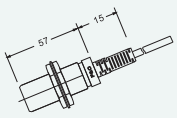
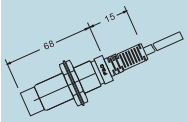
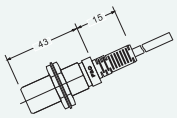
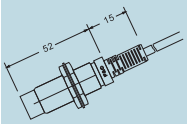
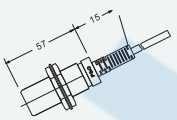
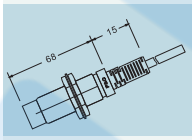
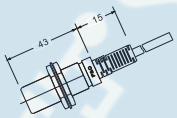
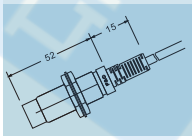
M18 proximity sensor



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.

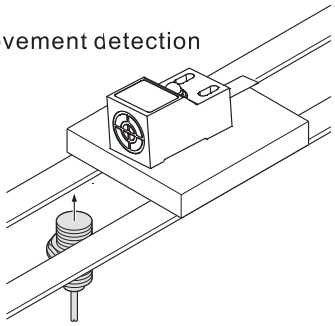
Procurement guide:

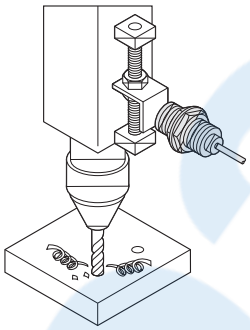
Category	Model	Out Put Method	Detection Distance	Standard Detection	Entry Cable
	F3C-18KS05-N R2M F3C-18KS05-N2 R2M F3C-18KS05-P R2M F3C-18KS05-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 5mm; 0-4mm (Stable detection range)	18×18×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3C-18KN08-N R2M F3C-18KN08-N2 R2M F3C-18KN08-P R2M F3C-18KN08-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 8mm; 0~6.4mm (Stable detection range)	24×24×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3C-18ES05-N R2M F3C-18ES05-N2 R2M F3C-18ES05-P R2M F3C-18ES05-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 5mm; 0-4mm (Stable detection range)	18×18×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3C-18EN08-N R2M F3C-18EN08-N2 R2M F3C-18EN08-P R2M F3C-18EN08-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 8mm; 0~6.4mm (Stable detection range)	24×24×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3L-18KS08-N R2M F3L-18KS08-N2 R2M F3L-18KS08-P R2M F3L-18KS08-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 8mm; 0~6.4mm (Stable detection range)	24×24×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3L-18KN16-N R2M F3L-18KN16-N2 R2M F3L-18KN16-P R2M F3L-18KN16-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 16mm; 0~12.8mm (Stable detection range)	48×48×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3L-18ES08-N R2M F3L-18ES08-N2 R2M F3L-18ES08-P R2M F3L-18ES08-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 8mm; 0~6.4mm (Stable detection range)	24×24×1	Φ4×2M/3-wires M8 connector with 150mm pre-wire cable M12 connector
	F3L-18EN16-N R2M F3L-18EN16-N2 R2M F3L-18EN16-P R2M F3L-18EN16-P2 R2M	NPN.NO NPN.NC PNP.NO PNP.NC	(Maximum detection range) 16mm; 0~12.8mm (Stable detection range)	48×48×1	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

M18 proximity sensor

Movement detection





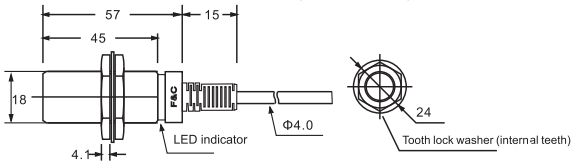
Detection of the depth of drill

Specifications \ Model	Standard Head Shield	Standard Head Non-shield	Short Head shield	Short Head Non-shield
Haplotype distance	F3C-18KS05-N R2M F3C-18KS05-N2 R2M F3C-18KS05-P R2M F3C-18KS05-P2 R2M	F3C-18KN08-N R2M F3C-18KN08-N2 R2M F3C-18KN08-P R2M F3C-18KN08-P2 R2M	F3C-18ES05-N R2M F3C-18ES05-N2 R2M F3C-18ES05-P R2M F3C-18ES05-P2 R2M	F3C-18EN08-N R2M F3C-18EN08-N2 R2M F3C-18EN08-P R2M F3C-18EN08-P2 R2M
Double distance	F3L-18KS08-N R2M F3L-18KS08-N2 R2M F3L-18KS08-P R2M F3L-18KS08-P2 R2M	F3L-18KN16-N R2M F3L-18KN16-N2 R2M F3L-18KN16-P R2M F3L-18KN16-P2 R2M	F3L-18ES08-N R2M F3L-18ES08-N2 R2M F3L-18ES08-P R2M F3L-18ES08-P2 R2M	F3L-18EN16-N R2M F3L-18EN16-N2 R2M F3L-18EN16-P R2M F3L-18EN16-P2 R2M
Scanning distance	5mm	8mm	5mm	8mm
Recommened distance	4mm	6.4mm	4mm	6.4mm
Scanning distance	8mm	16mm	8mm	16mm
Recommened distance	6.4mm	12.8mm	6.4mm	12.8mm
Standard sensing object	18×18×1 24×24×1 48×48×1 (iron)			
Response Frequency	800Hz			
Hysteresis	≤10%			
Operating voltage	12~24VDC 10%			
Current consumption	＜10 mA No-load			
Load current	24V100mA MAX			
Leakage current	＜0.01mA No-load			
Protection circuit	Reversed suppl 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			

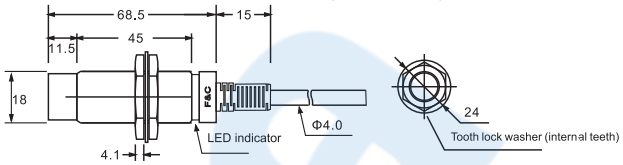
M18 proximity sensor

Wire type:

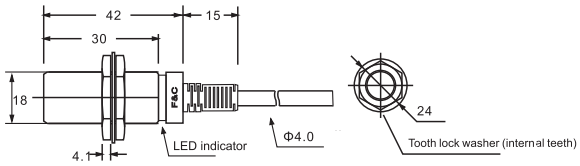
F3C-18KS05-N R2M (N2/P/P2)



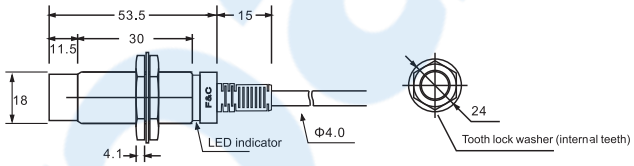
F3C-18KN08-N R2M (N2/P/P2)



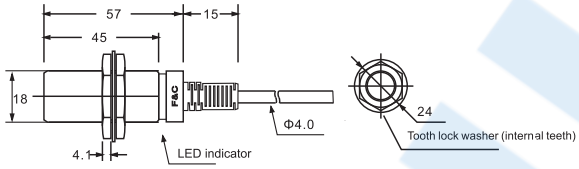
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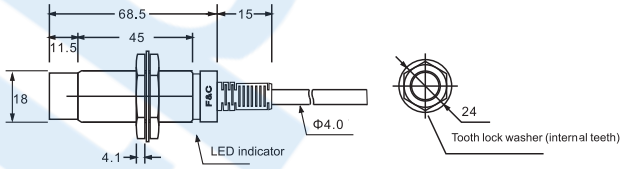
F3C-18EN08-N R2M (N2/P/P2)



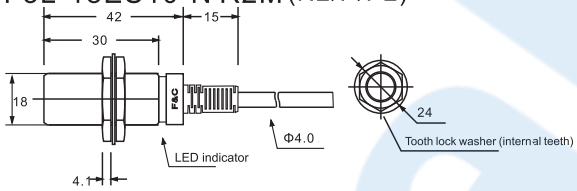
F3L-18KS10-N R2M (N2/P/P2)



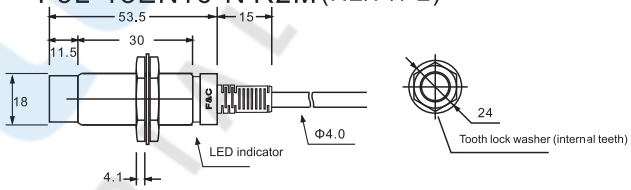
F3L-18KN16-N R2M (N2/P/P2)



F3L-18ES10-N R2M (N2/P/P2)

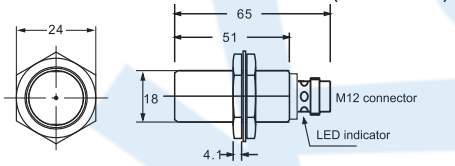


F3L-18EN16-N R2M (N2/P/P2)

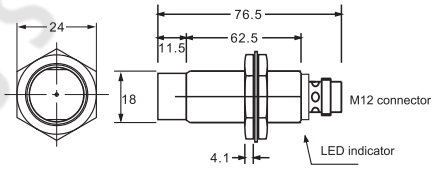


Connector type:

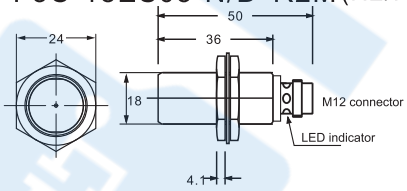
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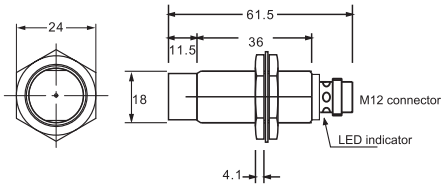
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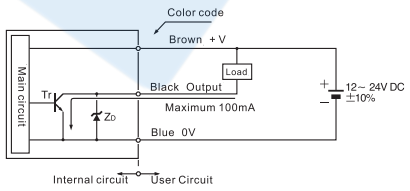
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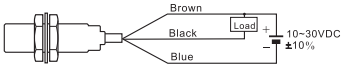


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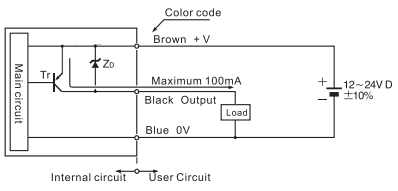


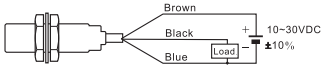
NPN. NO/NPN. NC

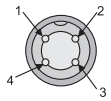




PNP. NO/PNP. NC







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