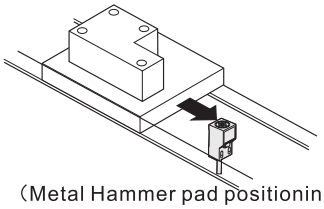
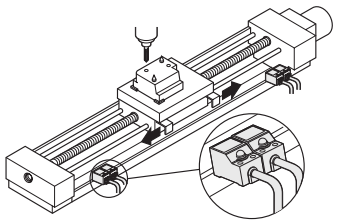
Rectangular proximity sensor

Applications:

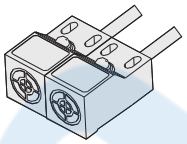


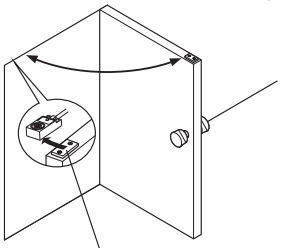
（Metal Hammer pad positioning）



（Mobile slide-out limit and the origin）

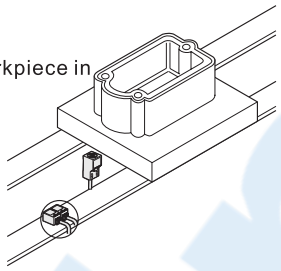
different frequencies be installed closely



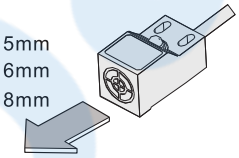


（Mobile slide-out limit and the origin）

（Positioning the workpiece in the welding stage）



（can Customize long-distance type）



Specifications

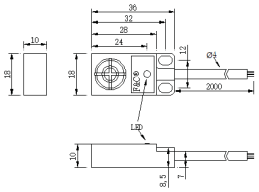
Model/ Specifications	Vertical	Horizontal	Vertical	Horizontal
（Straight outlet）	F3N-18DN04-N R2M F3N-18DN04-N2 R2M F3N-18DN04-P R2M F3N-18DN04-P2 R2M	F3N-18TN05-N R2M F3N-18TN05-N2 R2M F3N-18TN05-P R2M F3N-18TN05-P2 R2M	F3N-18KN05-N R2M F3N-18KN05-N2 R2M F3N-18KN05-P R2M F3N-18KN05-P2 R2M	F3N-17TN05-N R2M F3N-17TN05-N2 R2M F3N-17TN05-P R2M F3N-17TN05-P2 R2M
（Connector）	F3N-18DN04-N/15D R2M F3N-18DN04-N2/15D R2M F3N-18DN04-P/15D R2M F3N-18DN04-P2/15D R2M	F3N-18TN05-N/15D R2M F3N-18TN05-N2/15D R2M F3N-18TN05-P/15D R2M F3N-18TN05-P2/15D R2M	F3N-18KN05-N/15D R2M F3N-18KN05-N2/15D R2M F3N-18KN05-P/15D R2M F3N-18KN05-P2/15D R2M	F3N-17TN05-N/15D R2M F3N-17TN05-N2/15D R2M F3N-17TN05-P/15D R2M F3N-17TN05-P2/15D R2M
Scanning distance	4mm	5mm	5mm	5mm
Recommened distance	3. 2mm	4mm	4mm	4mm
Standard sensing object	18×18×1（iron）	18×18×1（iron）	18×18×1（iron）	17×17×1（iron）
Response Frequency	600Hz			
Hysteresis	≤10%			
Operating voltage	12～24VDC 10%			
Current consumption	＜10 mA			
Load current	24V 100mA Max			
Leakage current	＜0.01mA No-load			
Protection circuit/	Full short-circuit protection and reverse polarity protection.			
Residual voltage	＜1. 0VDC			
Operating temperature	-25℃～+70℃			
Material/	PBT/ABS			
Wiring method	Ø4.0×2M/3-wires /Ø4.0×2M/2-wires			
Protection degree	IP67			

Rectangular proximity sensor

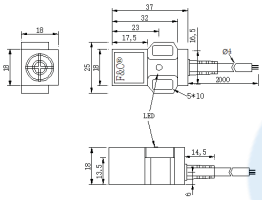
Dimensions:

Wire type:

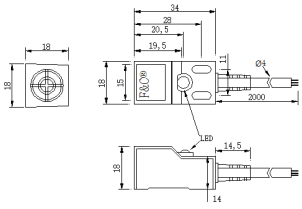
F3N-18DN04-N R2M (N2/P/P2)



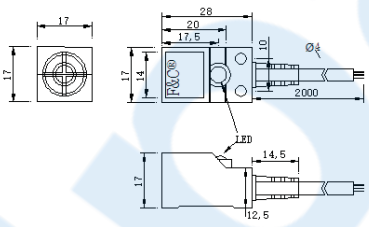
F3N-18KN05-N R2M (N2/P/P2)



F3N-18TN05-N R2M (N2/P/P2)

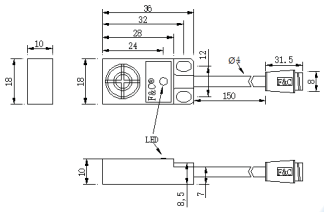


F3N-17TN05-N R2M (N2/P/P2)

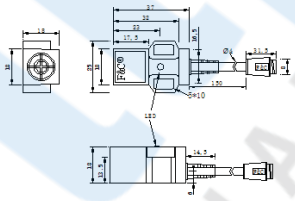


Connector type:

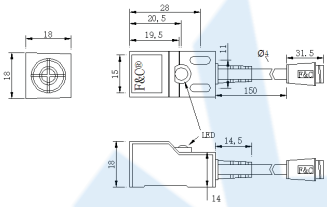
F3N-18DN04-N/15D R2M (N2/P/P2)



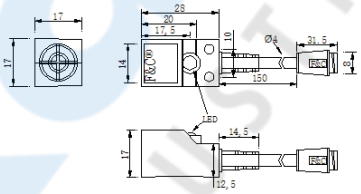
F3N-18KN05-N/15D (N2/P/P2)



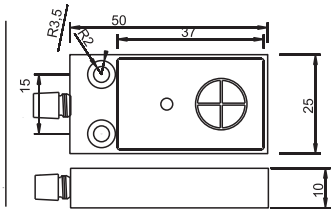
F3N-18TN05-N/15D R2M (N2/P/P2)



F3N-17TN05-N/15D R2M(N2/P/P2)

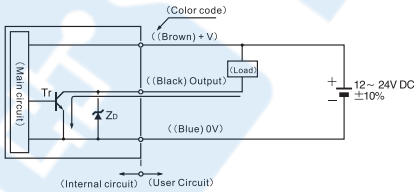


F3N-18DN05-N/15D R2M (N2/P/P2)

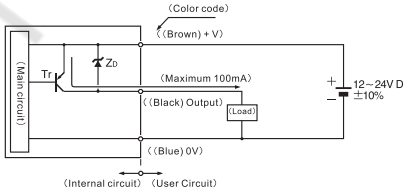


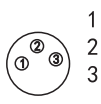
wiring schemes:

NPN. NO/NPN. NC

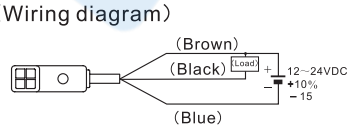


PNP. NO/PNP. NC

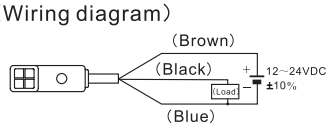




(Wiring diagram)



(Wiring diagram)



(Wiring diagram)

