

# Data sheet

Type	SUS type(SUS length 90mm)
Sensing distance	500mm
Min. sensing target	Ø1mm
Allowable bend radius	R30(SUS part 10R)
Cable length	2m
Free cut	Free cut
Environment_Ambient temperature	-40 to 70°C
Sensing type	Through-beam type

※The sensing distance is a standard for red LED of BF4 Series and 10% of red LED is applied when it is green LED. It is applied to 40% of sensing distance for BF3RX.  
※Min. sensing target is a value measured opaque material in accurate output status and the sensing distance is different with the rated sensing distance.  
※Free cut type's sensing distance can be shortened about max. 20% than the normal according to condition of the cable. [(FC-3) should be used for cutting fiber cable.]  
※FT-420-13 was discontinued. FT-420-13B is replacement.  
※Glass type is for BF5, BF4 Series.