Data sheet

Type	Standard type(bolt type)
Sensing distance	100mm
Min. sensing target	Ø0.0125mm
Allowable bend radius	R5
Cable length	2m
Free cut	Free cut
Environment_Ambient temperature	-40 to 60℃
Sensing type	Diffuse reflective 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.
※Flexible optical fiber (Multi core): A large number of ultra-fine cores are all surrounded by cladding. Easy to install it in the many places as the change of the intensity of radiation by bending is small.
Break-resistant optical fiber: The fiber units contain a large number of independent fine fibers, by ensuring a high degree of flexibility. It can be used for moving parts (robot hand) and it is not easily broken.
※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.]
※Glass type is for BF5, BF4 Series.