

Narrow-beam Retroreflective Type Fiber Head

FR-KZ50□

MJEC-FR-KZ50H No.0055-81V

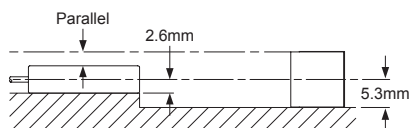
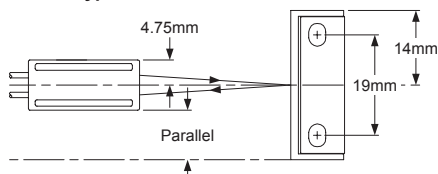
Thank you very much for purchasing Panasonic products. Please read this Instruction Manual carefully and thoroughly for the correct and optimum use of this product. Kindly keep this manual in a convenient place for quick reference.

- For the connecting method of the fiber attachment, refer to the Instruction Manual attached to the fiber attachment.
- Also read "Instruction Manual of General-purpose Fiber Head" carefully and thoroughly for the correct and optimum use.

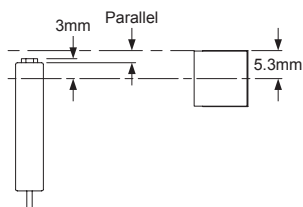
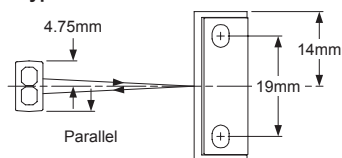
1 MOUNTING

- Mount this product with the accessory fiber mounting bracket or M3 set screws (cup point).
- Take care that, since the aperture angle of this product is very narrow, the beam may not be received depending upon the mounting condition. Mount so that the center of the fiber head and the reflector are aligned. Take care of beam alignment or tilt.

<Head-ON type / FR-KZ50H>

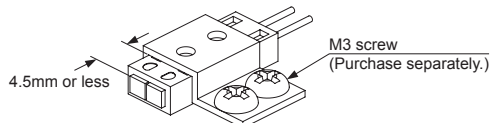


<Side-ON type / FR-KZ50E>



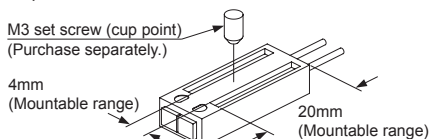
For using fiber mounting bracket (optional)

- When mounting the fiber mounting bracket on a mounting base, use M3 screws (purchase separately) and the tightening torque should be 0.3N·m or less.
- When mounting the side-ON type sensor to the fiber mounting bracket, take care not to block the sensing part.
- The fiber mounting bracket can be mounted without M3 set screws. When M3 set screws are also used, take care that the tightening torque should be 0.05N·m or less. An excessive tightening torque may distort the fiber mounting bracket.



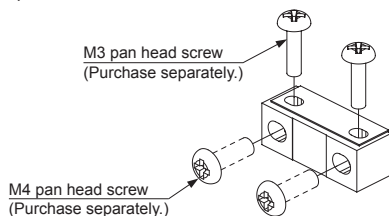
When M3 set screws (cup point) (purchase separately) are used for mounting

- Fix the fiber head with M3 set screws within the mountable area shown in the diagram below. The tightening torque should be 0.1N·m or less.



For mounting reflector

- Use M3 pan-head screws or M4 pan-head screws (purchase separately) and the tightening torque should be the following.
M3 pan head screw: 0.5N·m or less
M4 pan head screw: 0.8N·m or less



2 CAUTION

- When detecting transparent objects etc., the range of 0 to 20mm from the detecting surface may be unstable for detection.

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