

Mounting Notes for Plastic Light Guides

Mounting and adjustment

When laying and routing plastic light guides, the minimum bending radius of 15 mm must be unconditionally maintained

There must not be any bends for a distance of 15 mm from the sensor and light guide head.

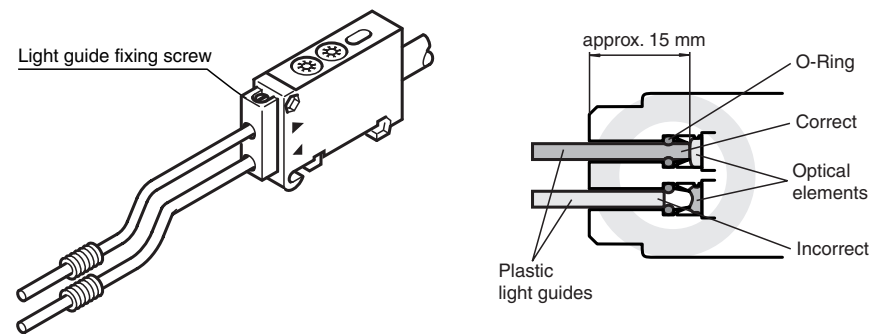
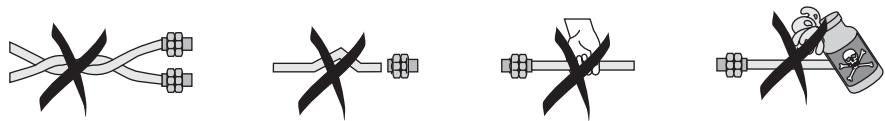
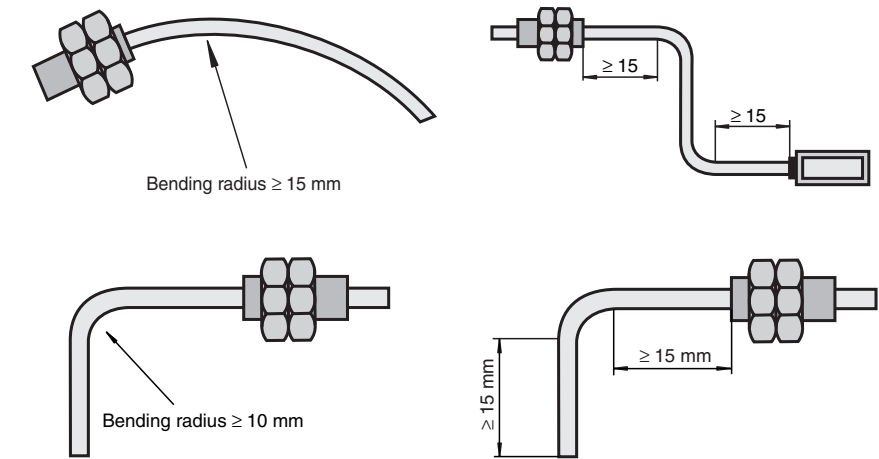
Should it be necessary to bend the stainless steel head ferrule, a minimum bending radius of 10 mm must be strictly adhered to. The light guide should not be bent within 15 mm of the end of the covering and the head. Damage to the light guide may result if this is not observed.

Caution!

Plastic light guides must not be twisted or kinked. Excessive tensile loads will lead to destruction. Contact with petrol or organic solvents must be prevented.

Connection to photoelectric sensors

Insert the light guide into the opening in the sensor until some resistance is felt (O-ring). Push the light guide further into the sensor until the end is up against the optical element. Tighten the screw to fix the light guide in position. The sensor/light guide assembly is now ready for use.



Cutting to length

Plastic light guides can be cropped to any desired length using the supplied **disposable cutter** (see accessories) **Important: Each cutting position can be used once only.**

Adapter

In order to ensure a reliable connection, the adapter supplied must only be used for plastic light guides of 0.5 mm diameter.

Important: The light guide must protrude by 0.5 mm!

