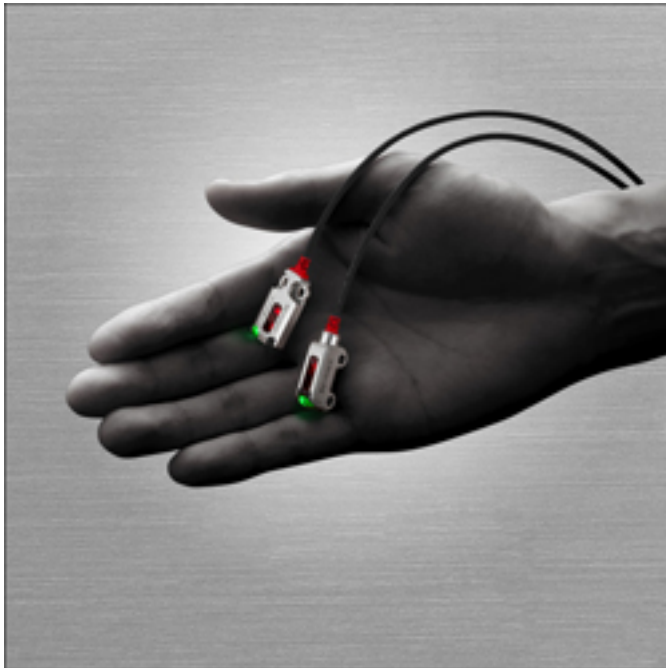


Metal Photoelectric Sensor



Keyence Corporation of America has introduced the PR-M/F Series, a miniature metal photoeye which is dedicated to fulfilling three main focuses: durability, stable operation, and ease of use.

The PR-M/F Series is a small metal photoelectric sensor that employs a hybrid structure, which features a resin-filled, SU316L stainless steel body that allows the sensors to withstand approximately five times greater shock than conventional models. The heavy-duty body is also resistant to oils, acids, and alkaline detergents, and maintains both IP67 and IP69K enclosure ratings. These features, combined with an 81% reduction in size compared to conventional models, result in a small, durable miniature photoelectric sensor.

The PR-M/F ensures stable detection by reducing the effects of interference and target color or angle. By operating at a high light frequency, the influence of external light is reduced. Also, multiple PR-M/F Series sensors will not interfere with each other when used in close proximity, due to its built-in cross talk prevention function.

The sensors are also easy to use, with simple installation, eliminating the need to adjust the sensors.

Keyence Corp., www.keyence.com [1]

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