

MF-10MPE series lenses

LS-MF-10MPE series · Machine vision lenses · 6 models

8, 2/3", 10MP Lens, C-Mount.
High resolution and consistency
of image clarity Lower distortion
and higher relative illumination
rate

Features

- High resolution and consistency of image clarity
- Lower distortion and higher relative illumination rate
- Excellent performance at high and low temperature
- Good optical performance at short working distance



Common specifications

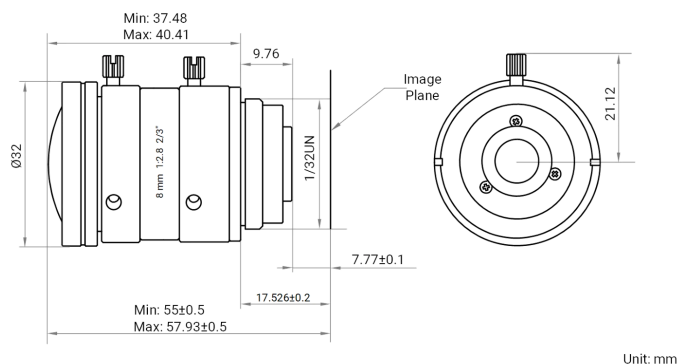
F-number	F2.8 to F16
Image size	Ø11.2 mm (2/3")
Iris control	Manual
Focus control	Manual
Mount	C-mount
Flange back length	17.526 mm
Temperature	-10 °C to 50 °C (14 °F to 122 °F)
Certification	RoHS 2.0

Models

Model	Focal length	Distortion	Minimum object distance	Field of view	Dimension	Weight	Min. object distance
LS-MF0828M-10MPE	8 mm	-0.42%	0.1 m	D (11.01 mm): 67.07°; H (8.45 mm): 54.06°; V (7.07 mm): 46.21°	Ø32 mm × 37.48 mm to 40.41 mm (Ø1.3" × 1.5" to 1.6")	70 g (0.2 lb.)	0.1 m
LS-MF1228M-10MPE	12 mm	-0.19%	0.1 m	D (11.01 mm): 47.66°; H (8.45 mm): 37.47°; V (7.07 mm): 31.67°	Ø29 mm × 39.9 mm (Ø1.1" × 1.6")	59 g (0.1 lb.)	0.1 m
LS-MF1628M-10MPE	16 mm	-0.09%	0.1 m	D (11.01 mm): 37.42°; H (8.45 mm): 29.1°; V (7.07 mm): 24.5°	Ø29 mm × 44.5 mm (Ø1.1" × 1.8")	63 g (0.1 lb.)	-
LS-MF2528M-10MPE	25 mm	-0.48%	0.15 m	D (11.01 mm): 22.81°; H (8.45 mm): 17.12°; V (7.07 mm): 14.14°	Ø29 mm × 29.28 mm (Ø1.1" × 1.2")	46 g (0.1 lb.)	0.15 m
LS-MF3528M-10MPE	35 mm	-0.24%	0.15 m	D (11.01 mm): 15.25°; H (8.45 mm): 11.23°; V (7.07 mm): 9.12°	Ø29 mm × 45.61 mm (Ø1.1" × 1.8")	68 g (0.1 lb.)	0.15 m
LS-MF5028M-10MPE	50 mm	0.14%	0.237 m	D (11.02 mm): 11.01°; H (8.45 mm): 8.58°; V (7.07 mm): 7.21°	Ø32 mm × 55.53 mm (Ø1.3" × 2.2")	94.5 g (0.2 lb.)	0.237 m

More values per model (Filter thread) are on each product page.

Performance



Product views

