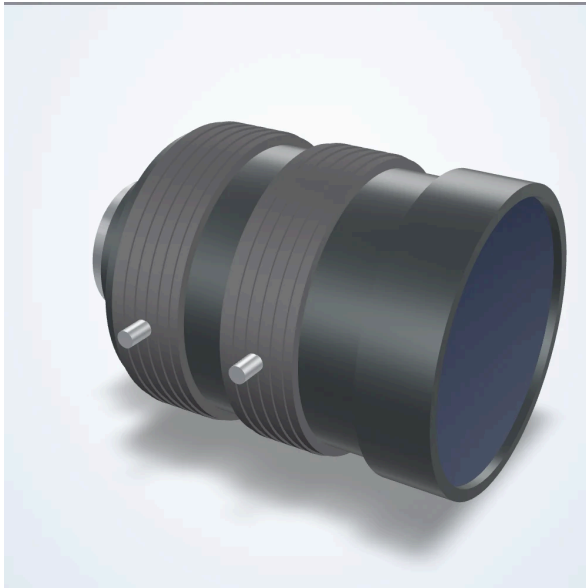


12 mm lens, 1", C-mount, SWIR

LS-FFL-0294 series · Machine vision lenses · 1 model

Machine vision lens for industrial cameras. Rendered illustration: the actual product may differ in appearance.



Common specifications

Focal length	12 mm
Max. sensor format	1"
Mount	C-mount
Aperture (F)	1.6-22
Angle of view	57.9 x 44.6 deg
Distortion	-1.2% (TV, design value)
Operating temperature	-20~+60 C
Angle of view 1/2"	30.2 x 24.3 deg
Angle of view 2/3"	41.1 x 31.1 deg
Dimensions (dia. x length, mm)	54 x 72.5
FOV @ 1/2"	30.2° x 24.3°
FOV @ 1"	57.9° x 44.6°
FOV @ 2/3"	41.1° x 31.1°
Filter thread	M52x0.75
Flange back	17.526mm in air
Focus angle	81 deg
Focus control	Manual with Lock
Focus range	0.2m~inf
Front hood length	10.6mm
Iris angle	68 deg
Iris control	Manual with Lock
Length behind front hood	57.3mm
Lens type	Fixed Focal Length
Minimum object distance (m)	0.2
Operating temperature range	20 to +60 °C
Operation	Focus: manual w/lock / Iris: manual w/lock
Rear dia.	45mm
Resolution (pixel size)	5 μm
Spectrum	SWIR
TV distortion (%)	1.2
Wavelength	400~1700nm, WBC-V-SWIR (Wide Band Coating - Visible - Short Wave Infrared)
Weight (g)	260

Models

Model

LS-FFL-0294

Product views

