

## V-mount Line Scan Lenses

Makro-Symmar, Micro-Symmar and Apo-Componon lenses are designed for industrial machine vision applications and satisfy even the most stringent requirements of next generation 12k/16k line scan applications. Identification of the best azimuth and application in reverse position means that they can be deployed in

a customer-oriented way. The different lens versions of Makro-Symmar, Micro-Symmar and Apo-Componon cover practically all industrial application areas with the specially defined and optimized imaging areas.

### V-mount Line Scan Lenses

product	focal length (F) in mm	aperture (f)	image circle in mm / (Sensor)	resolution in Mpixel at max. sensor size	recommended magnification range	length in mm	lens Ø max in mm	Filter-thread	weight in grams	code no.
Micro Symmar 2.8/50-3.5x	50	2.8 - 5.6	62	12k Zeile / 5µ²	3.0X - 4.0X	49.1	46	M 30.5 x 0.5	370	1012492
Apo-Componon 4.5/90	90	4.5 - 22	86	12k u.16k Zeile / 5µ²	0.20X - 0.40X	52	47	M 40.5 x 0.5	140	1004531
Makro-Symmar 5.6/120	120	5.9 - 32	86	12k u.16k Zeile / 5µ²	0.88X - 1.13X	54.7	46	M 40.5 x 0.5	170	1002647
Makro-Symmar 5.6/120	120	5.9 - 32	86	12k u.16k Zeile / 5µ²	0.63X - 0.88X	54.7	46	M 40.5 x 0.5	170	1002648
Makro-Symmar 5.6/120	120	5.9 - 32	86	12k u.16k Zeile / 5µ²	0.38X - 0.63X	54.7	46	M 40.5 x 0.5	170	1002650
Makro-Symmar 5.6/120	120	5.9 - 32	86	12k u.16k Zeile / 5µ²	0.26X - 0.38X	54.7	46	M 40.5 x 0.5	170	1004611

Camera Mount: V38-Mount