



### sensor information

sensor	ams (CMOSIS) CMV4000 V3
resolution	2048 × 2048 px
exposure time	0,03 ... 1000 ms
pixel size	5.5 × 5.5 µm
shutter type	Global shutter
sensor type	1" CMOS

### acquisition formats

image formats, interface	Full Frame, 2048 × 2048 px, max. 180 fps Binning 2×2, 1024 × 1024 px, max. 180 fps
frame rate max.	Binning 1×2, 1024 × 2048 px, max. 180 fps Binning 2×1, 2048 × 1024 px, max. 180 fps
pixel formats	Mono8 Mono10

### image preprocessing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 63 LSB 10 Bit)
color models	Mono
color processing	NA

### interfaces and connectors

data interface	Camera Link® Full, connector: 2 x Standard SDR26 (Mini CL)
process interface	M8 / 8 pins
power supply	M8 / 8 pins

### mechanical data

lens mount	C-mount
width	60 mm
height	60 mm
depth	47,95 mm
weight	≤ 285 g
material	housing: aluminum

### electrical data

voltage supply	12 ... 24 V DC (external power supply)
range +Vs	0 ... 12 V (PoCL)
power consumption	approx. 3,8 W @ 24 VDC approx. 3,8 W @ 12 VDC (PoCL)

### non-volatile memory

flash memory size	128 kB
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### environmental conditions

operating temperature	+5 ... +64 °C @ T = measurement point
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

### conformity

conformity	CE RoHS
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# LXC-40M

Camera Link®, 4 Megapixel, Monochrome

Article number: 11148640

## dimension drawing

