



sensor information

sensor	CMOSIS CMV4000 V3
type	1" progressive scan CMOS
resolution	2048 × 2048 px
exposure time	0,03 ... 1000 ms
color filter	RGB Bayer Mosaic
pixel size	5.5 × 5.5 µm

acquisition formats

image formats, frame rate max.	Full Frame, 2048 × 2048 px, max. 180,0 fps
pixel formats	BayerGB8 BayerGB10

image pre-processing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 63 LSB 10 Bit)
color models	Raw Bayer
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

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

electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply) 0 ... 12 V (PoCL)
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electrical data

power consumption	approx. 3,8 W @ 24 VDC approx. 3,8 W @ 12 VDC (PoCL)
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environmental conditions

operating temperature	+5 ... +65 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

dimension drawing

