

FXO CXP (4 Connections)

fxo935MCX12-4C-FF



General

Model:	fxo935MCX12-4C-FF
Product code:	F002431
Product series:	FXO CXP (4 Connections)
Status:	Available

Sensor

Sensor type:	Area scan
Chroma:	Mono
Spectrum:	Visible
Spectral range:	400 nm to 1000 nm
Resolution:	5,328 × 4,608 (24.60 MP)
Sensor model:	Sony IMX935
Sensor architecture (material):	cmos
Shutter type(s):	global-shutter
Sensor size:	14.6 × 12.63 mm (19.3 mm, 19.3mm (Type 1.2))
Pixel size:	2.74 μm × 2.74 μm

Pixel formats

Sensor bit depth:	8-Bit, 12-Bit
Monochrome pixel formats:	mono8, mono12

Timing and gain

Max. frame rate:	192 fps
Exposure time:	7 μ s to 60 s
Gain:	0.0 dB to 48.0 dB

I/Os and power

Non-isolated lines:	0 x LVDS input, 0 x LVDS output, 0 x TTL input, 0 x TTL output, 0 x 24V input, 1 x Open drain output,
Specific non-isolated lines:	0 x RS232 input, 0 x RS232 output, 0 x RS422 input, 0 x RS422 output,
Opto-isolated lines:	1 x Optical isolated input, 0 x Optical isolated input,
Power supply:	Power over CoaXPress
Power consumption:	9 W (typical)

Operating conditions

Operating temperature (housing):	-10 °C to 60 °C
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Mechanical properties

Body dimensions (L x W x H in mm):	19 x 50 x 50
IP class:	IP30
Lens mount(s):	Flat Front
Weight:	120 g

On-board memory and FPGA

Non-volatile memory (Flash):	32 MByte
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Interfaces

Digital interface:	cxp-12 with 4 connections
Interface connector:	(micro-BNC)

FW features - image control

Exposure modes:	Manual, Auto, External
Gain modes:	Auto, Manual
Image control features:	FW Features - Image Control

FW features - camera control

Trigger modes/sync:	INTERNAL,SOFTWARE,EXTERNAL
Camera control features:	PoCxP, User Sets, PWM(4), Sequencer,

