

# FXO CXP (4 Connections)

fxo936MCX12-4C



## General

Model:	fxo936MCX12-4C
Product code:	F002436
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:	4,128 × 3,008 (12.40 MP)
Sensor model:	Sony IMX936
Sensor architecture (material):	cmos
Shutter type(s):	global-shutter
Sensor size:	11.31 × 8.24 mm (14 mm, 14mm (Type 1/1.1))
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:	339.6 fps
Exposure time:	7 $\mu$ 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):	34 x 50 x 50
IP class:	IP30
Lens mount(s):	C-Mount
Weight:	130 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
White balance 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,

