

1) Tightening torque



Basic features

Approval/Conformity	CE FCC RoHS EMVA 1288 EAC WEEE
Frame rate	max. 226.1 fps
Image resolution	1.6 MP (1456 x 1088 pixels)
Pixel size	3.45 x 3.45 μm
Sensor chip	Sony IMX273
Sensor type Vision	CMOS 1/2,9" monochrome global shutter
Version	Industrial camera

Electrical connection

Connection 1	USB3: MicroB-Female, 9-pin
Connection 2	Power / IO: HIROSE-Male, 12-pin
Polarity reversal protected	yes
Short-circuit protection	no

Electrical data

No-load current I_0 max., receiver at U_e	300 mA
Operating voltage U_b	11...25 VDC
Output current max.	500 mA

Environmental conditions

Ambient temperature	0...45 °C
Protection degree	IP40
Storage temperature	-20...60 °C

Functional Characteristics

Data storage	256 MBytes
Image formats	Mono8 Mono10 Mono14 Mono16 Mono12 Mono12p
MTTF (40 °C)	11.7 a

Material

Housing material	Aluminum
Housing material, surface protection	Painted

Mechanical data

Dimension	40 x 37.7 x 40 mm
Lens mount	C-Mount
Weight	157 g

Output/Interface

Digital inputs	2x PNP galvanically isolated
Interface	USB 2.0 / 3.0
Switching output	4x PNP normally open (NO)

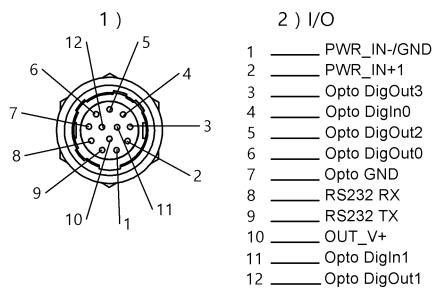
Remarks

Not included in the scope of delivery: camera lens, filter, light, connection cable – see www.balluff.com

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Connector Drawings



1) View towards connector

2) Male 12-pin/ Function