

Basic features

Secondary features for condition monitoring	Inclination monitoring and installation aid Internal humidity detection Internal temperature monitoring Vibration monitoring
供貨範圍	視覺感測器 BVS
圖面解析度	1.2 MP(1280 x 960 畫素)
感測器類型, 視覺	CMOS 1/3" monochrome global shutter
應用	Check on attendance Brightness tool BLOB
畫素大小	3.75 x 3.75 μ m
認證	CE UKCA cULus FCC WEEE

Display/Operation

調節器	鍵
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Electrical connection

反極性保護	是
接口 1	M12x1-插頭, 4-針, A-編碼
接口 2	M12x1-插口, 8-針, X-編碼
接口 3	M12x1-插口, 5-針, A-編碼
短路保護	是

Electrical data

在 U_e 下的最大空載電流	300 mA
工作電壓 U_b	18 - 30 VDC
輸出電流, 最大	1.6 A Observe voltage supply

Environmental conditions

EN 60068-2-27, 衝擊	30 g, 11 ms 100 g, 6 ms
EN 60068-2-6, 振動	10-500Hz / 15g / 5h
倉儲溫度	-25...70 °C
環境溫度	0...55 °C
相對空氣濕度	80 % at ambient temperature up to 31 °C, decreasing linearly up to 50% at 40 °C
防護等級	IP67

Functional Characteristics

LED 組件符合 IEC 62471	風險組別 1
MTTF (40 °C)	28.3 a
光線類型	LED
最大視野	305 x 230 mm
最小視野	30 x 30 mm
焦距	9.6 mm
照明方式	LED white LED infrared
目標裝置照明方式	LED red

Interface

介面	IO-Link 1.1 TCP/UDP IIoT (Gigabit Ethernet)
數位輸入端	觸發器
開關輸出端	推拉式 NV 推拉式 Overall result 推拉式 external illumination Configurable by software

Material

外殼材質	鋁, 壓鑄, 已上漆
感應面材質	Luxacryl/2h

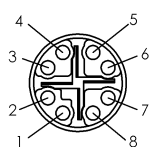
Mechanical data

固定件	螺栓 M4
尺寸	56 x 56 x 59 mm
重量	240 g

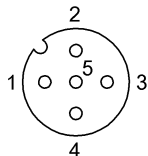
Range/Distance

工作距離	50...600 mm
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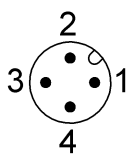
Connector Drawings



PIN 1: BI_DA+
PIN 2: BI_DA-
PIN 3: BI_DB+
PIN 4: BI_DB-
PIN 5: BI_DD+
PIN 6: BI_DD-
PIN 7: BI_DC-
PIN 8: BI_DC+

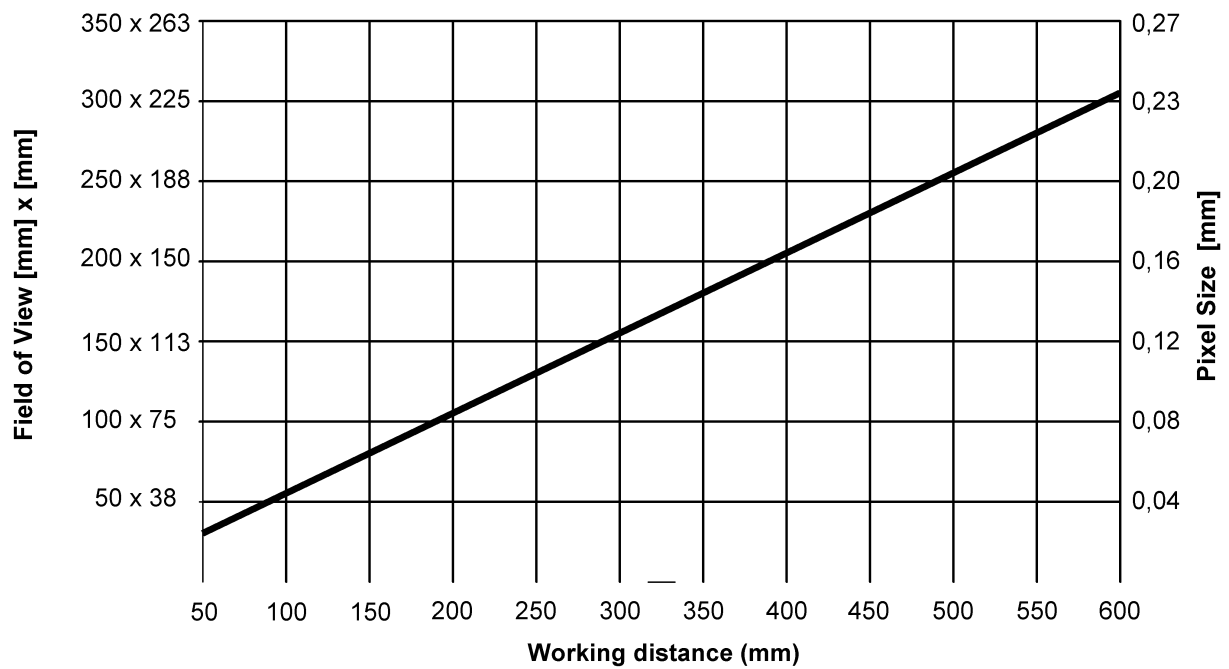


PIN 1: +24 V Out
PIN 2: Boost/Out
PIN 3 : GND
PIN 4: Light/Out
PIN 5: Not connected



PIN 1 : +24V
PIN 2: Trigger In
PIN 3 : GND
PIN 4: IO-Link/SIO

Technical Drawings



Recommendation: - Barcode: min. 3 pixel / module
- 2D codes: min. 4 pixel / module