

Basic features

Secondary features for condition monitoring

Inclination monitoring and installation aid
Internal humidity detection
Internal temperature monitoring
Vibration monitoring

供貨範圍

圖面解析度

感測器類型, 視覺

視覺感測器 BVS
1.2 MP(1280 x 960 畫素)
CMOS 1/3" monochrome global shutter

應用

Check on attendance
Brightness tool
BLOB
錯誤控制
發現者
程式碼工具

畫素大小

認證

3.75 x 3.75 μ m
CE
UKCA
cULus
WEEE
FCC

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

接口 4

M12x1-插口, 4-針, D-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

Display/Operation

調節器

鍵

Functional Characteristics

LED 組件符合 IEC 62471	風險組別 1
MTTF (40 °C)	25.7 a
光線類型	LED
最大視野	305 x 230 mm
最小視野	30 x 23 mm
條形碼	2/5 Industrial 2/5 Interleaved Codabar Code 128 Code 39 Code 93 EAN-13 EAN-8 GS1 DataBar GS1-128 PharmaCode UPC-A UPC-E MSI
焦距	9.6 mm
照明方式	LED white LED red
目標裝置照明方式	LED red

Interface

介面	ProfiNet 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

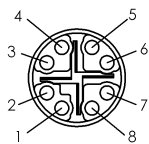
Mechanical data

固定件	螺栓 M4
尺寸	56 x 56 x 59 mm
重量	255 g

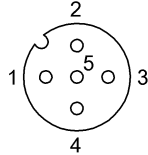
Range/Distance

工作距離	50...600 mm
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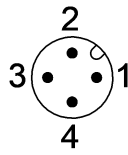
Connector Drawings



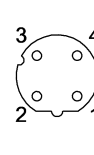
- PIN 1: BI_DA+
- PIN 2: BI_DA-
- PIN 3: BI_DB+
- PIN 4: BI_DB-
- PIN 5: BI_DD+
- PIN 6: BI_DD-
- PIN 7: BI_DC-
- PIN 8: BI_DC+



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

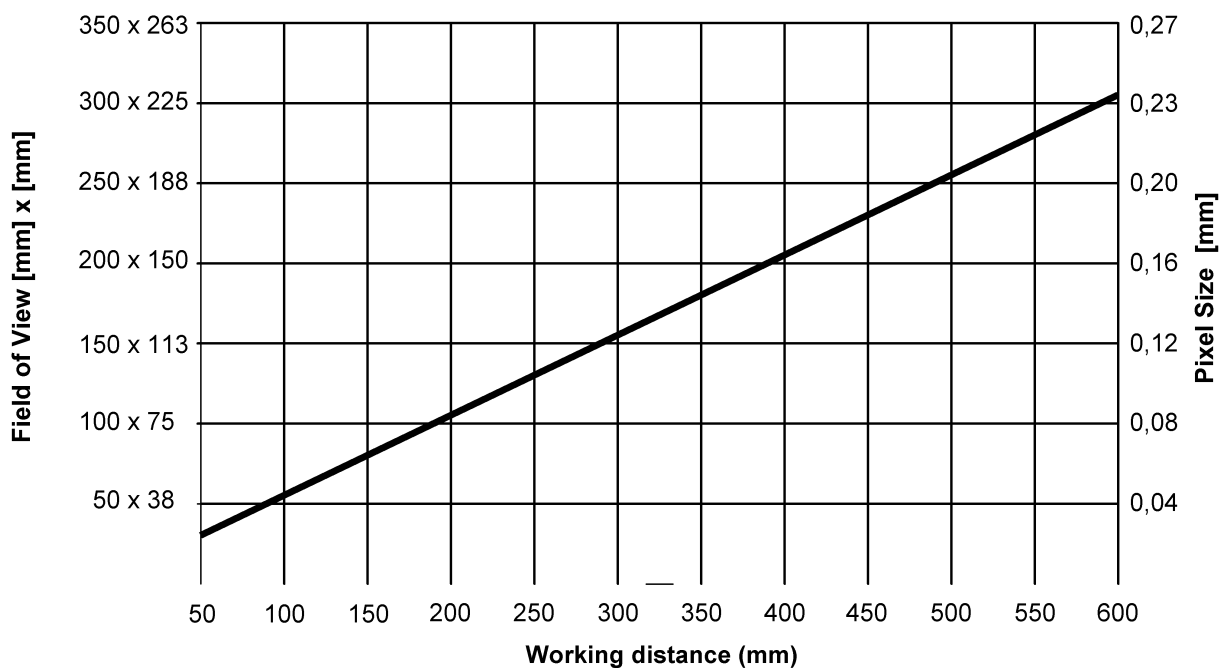


- PIN 1 : +24V
- PIN 2: Trigger In
- PIN 3 : GND
- PIN 4: I/O 1



- PIN 1 : Tx+
- PIN 2 : Rx+
- PIN 3 : Tx-
- PIN 4 : Rx-

Technical Drawings



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