

Inspekto Flex Hybrid Bundle AI-based visual quality inspection for presence and anomaly detection - limited to 6 profiles - standard performance (no GPU) - no camera - Lumimax SmartLight included - - note: for supported cameras, see manual

General information	
Product function	
Visual inspection	
— inspection cycle	300 ms
— object speed, max.	0.75 m/s
— installation clearance, min.	depending on used optics
— installation clearance, max.	depending on used optics
— smallest fault size	depending on used optics
— number of inspection profiles	6
— number of possible inspection areas	unlimited (limited only by hardware resources)
Camera	
— vision standard	GigE Vision
illumination	
— light color	white 5 700 K (CRI80)
— LED technology	SMD LEDs
— width of light-emitting surface	100 mm
— length of light-emitting surface	100 mm
— illuminance	40 000 lx; at 0.1 m
— electrical power at the light field, max.	16.8 W; normal mode
— Operating mode	continuous and switching operation; 4 separately controllable segments
— ON-delay	10.5 µs
— illumination controller	integrated illumination controller
— continuous operation	without connection to system light operates in continuous mode
— PLC switching input	low level ≤ 8 V DC; high level = 12 to 30 V DC; internally limited to 6 mA Switch-on delay 2.5 µs to MCU
— Boost mode	brings 32.4 W to light field for illumination increase, max. switch-on time 500 ms with duty factor 50 %
— risk group	Exempt Group (DIN EN 62471)
Installation type/mounting	
Mounting accessories	included
Supply voltage	
permissible range, lower limit (DC)	24 V
permissible range, upper limit (DC)	24 V
Interfaces	
Ethernet interface	Yes
Protocols	
PROFINET	Yes
EtherNet/IP	Yes
Degree and class of protection	
IP degree of protection	IP20 control cabinet installation / open type
Ambient conditions	
Suited for indoor use	Yes
Suited for outdoor use	No
Ambient temperature during operation	
• min.	10 °C
• max.	45 °C
• min. [°F]	50 °F
• max. [°F]	113 °F

Relative humidity			
• Operation, min.	20 %		
• Operation, max.	80 %		
Connection method			
Type of connection	plugged, screwed		
Dimensions			
width of controller	262 mm		
height of controller	139.7 mm		
depth of controller	62.6 mm		
lighting width	130 mm		
lighting height	130 mm		
lighting depth	20.5 mm		
Weights			
weight of controller	2.2 kg		
Classifications			
		Version	Classification
	eClass	16	27-31-02-06
	eClass	14	27-31-02-06

Approvals / Certificates			
General Product Approval			



[CCS \(China Classification Society\)](#)

[BIS CRS](#)



General Product Approval		EMV	Test Certificates	
Environmental Conformations		KR (Korean Register of Shipping)	Miscellaneous	TUEV
				

Test Certificates				
CCS (China Classification Society)	BIS CRS	Miscellaneous	KR (Korean Register of Shipping)	

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