

Inspekto Flex Hybrid Bundle AI-based visual quality inspection for presence and anomaly detection - unlimited 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	unlimited (limited only by hardware resources)
— 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	
Design of the power supply	DC
permissible range, lower limit (DC)	24 V
permissible range, upper limit (DC)	24 V
Interfaces	
Ethernet interface	Yes
Protocols	
PROFINET	Yes
EtherNet/IP	Yes
Protocols (Ethernet)	
• TCP/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. • min. [°F] • max. [°F]	45 °C 50 °F 113 °F									
Altitude during operation relating to sea level										
• Installation altitude above sea level, max.	2 000 m									
Relative humidity										
• Operation, min. • Operation, max.	20 % 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										
	<table><tr><td></td><td>Version</td><td>Classification</td></tr><tr><td>eClass</td><td>16</td><td>27-31-02-06</td></tr><tr><td>eClass</td><td>14</td><td>27-31-02-06</td></tr></table>		Version	Classification	eClass	16	27-31-02-06	eClass	14	27-31-02-06
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eClass	16	27-31-02-06								
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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 									
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last modified:

1/24/2026 