

C4G7-24G-E00

Vision Sensor - Checker 4G

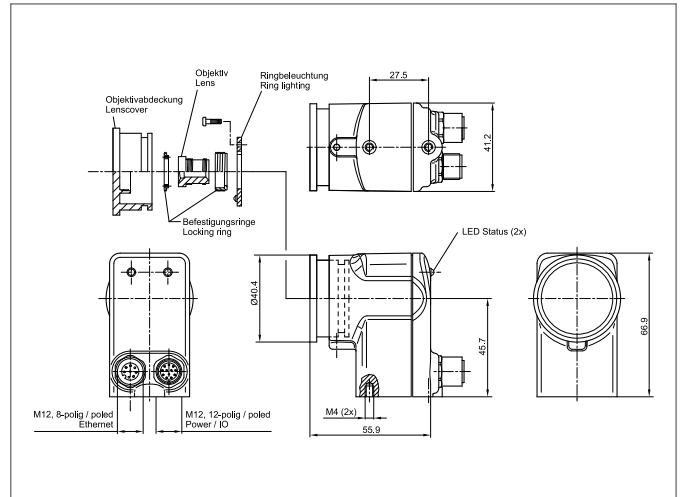


- Lighting changeable
- Storage of pictures (images) over FTP
- Logics for user-defined outputs
- Internal Trigger with patented part detection technology
- Control of height, width and diameter
- Sensors for part-detection of brightness, contrast and patterns
- Integrated „Ladder-Logic“ allows logical linking of several sensors for inspection
- User-friendly software
- Profinet - Ethernet/IP - TCP/IP / - UDP



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.
These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Model		4G7
Size		67 x 41 x 60 mm (Dimensions)
Number of inputs/outputs		2/4
Service voltage		22 ... 26 V DC
Internal power consumption		< 250 mA
Control buttons		Software
Resolution		752 x 480
Input		32
Speed of parts		3.750 ppm (Trigger externally) 800 ppm (Trigger internally)
External trigger input		> 10 V DC (> 6 mA) (Input ON) < 2 V DC (< 1,5 mA) (Input OFF) Opto-isolated, pole protection (Protection)
Job controlling inputs		> 10 V DC (> 6 mA) (Input ON) < 2 V DC (< 1,5 mA) (Input OFF) Opto-isolated, pole protection (Protection)
Encoder inputs		300 kHz (max.) quadrature Encoder, 50% nominally, 50 % Encoder max.
Inspection functions		Shape recognition, Presence, Measurement, Positioning
Configuration		Internal trigger, External trigger input, PC Software Setup, Encoder was based section pursuit, Logic for user-defined outputs, Highest resolution (752 x 480), Polarization possible, Free running
Lighting changeable		Yes
Ambient temperature		0 ... +50 °C

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TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Vibration/Shock resistance	10 G (10-500 Hz, in accordance with IEC 68-2-6)
Protection class	IP 67
Connection	Connector, M12, 12-poled
Max. inspection rate	3.750 ppm, 800 ppm
Sensors can be freely combined	No
Logic	Yes
Number of sensors	unlimited
Protocols	Profinet - Ethernet / IP - TCP / IP - UDP