

# C4G1-24G-E00

## Vision Sensor - Checker 4G

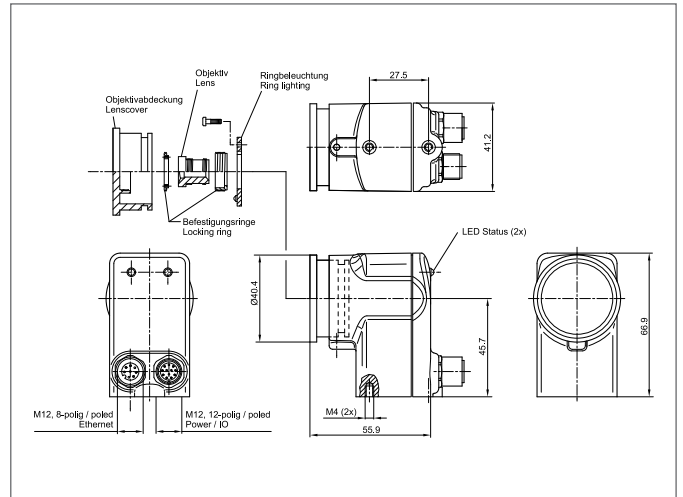


- Lighting changeable
- Storage of pictures (images) over FTP
- Logics for user-defined outputs
- Internal Trigger with patented part detection technology
- Control of height, width and diameter
- Sensors for part-detection of brightness, contrast and patterns
- Integrated „Ladder-Logic“ allows logical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



### 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	4G1
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	128 x 101
Input	32
Speed of parts	25.000 ppm (Trigger externally) 6.000 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, Extremely inspection snaps (> 6000 ppm), Polarization possible
Lighting changeable	Yes
Ambient temperature	0 ... +50 °C

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<b>TECHNICAL INFORMATION (typ.)</b>	<b>+20°C, 24V DC</b>
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	25.000 ppm, 6.000 ppm
Sensors can be freely combined	No
Number of sensors	unlimited
Protocols	Ethernet / IP / UDP