

OC299820

CAMERA SENSORS •

Camera sensors are used to simultaneously check various properties of objects (e.g., completeness, dimensional accuracy, position, damages, labeling). This takes place independent of the component position virtually in real time. Camera sensors are image processing systems that combine image sensor and image processing computer with image processing software in a metal housing. Depending on the version, lens and illumination unit are also integrated in the housing or must be additionally mounted. The camera sensors are set using an intuitive software program. On the device, object-specific check programs can be stored that contain the respective feature checks. These programs can be activated depending on the object that is to be inspected. The rugged housing design makes possible use under harsh environmental conditions.



MECHANICAL DATA

Ambient temperature (MAX)	50 °C
Housing material	Aluminium
Sensor height	29 mm
Sensor length	29.3 mm
Sensor width	29 mm

ELECTRICAL DATA

For interchangeable lens (C-mount)	Yes
Input voltage at DC	4.45 V ... 5.5 V
Measuring time for high speed	750 fps
No-load current	300 mA
Number of digital inputs	1
Number of digital outputs	1
Number of pins	10
Number of pins of the communication interface	5
Number of switching outputs	1
Operating voltage	4.45 V ... 5.5 V
Power consumption	3 W
Property picture system	Colour
Setting procedure	Application software
Type of communication interface	IV001693
Type of electrical connection	IV001693
Type of plug-in contact, communication interface	Male (plug)
Type of switching function	Programmable/configurable
Type of switching output	Optocoupler

OPTICAL DATA

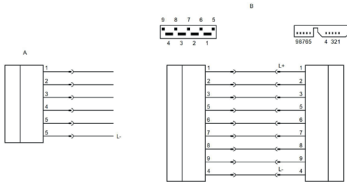
Focal distance	Variable
Image recorder	IV000356
Resolution	640x480

OTHER DATA

Air humidity

20 ... 80% noncondensing

CONNECTION



DIMENSIONAL DRAWING

INSTALLATION



Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL



SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!