





Vision sensors
Edge/Profile recognition





| product family | VXS 1203M10 | VXS 1203M16 | VXS 1203M10WR | VXS 1203M16WR |
|---------------------------|---|---|--|---|
| |  |  |  |  |
| | <i>VeriSens Series 1200</i> | <i>VeriSens Series 1200</i> | <i>VeriSens Series 1200 IP 69K</i> | <i>VeriSens Series 1200 IP 69K</i> |
| picture sensor | High Sensitive Progressive Scan CCD | High Sensitive Progressive Scan CCD | High Sensitive Progressive Scan CCD | High Sensitive Progressive Scan CCD |
| pixel quantity | 656 x 494 | 656 x 494 | 656 x 494 | 656 x 494 |
| objectiv (focal distance) | 10 mm | 16 mm | 10 mm | 16 mm |
| min. object distance | 50 mm | 60 mm | 50 mm | 60 mm |
| lighting LED red | ■ | ■ | - | - |
| lighting LED white | ■ | ■ | ■ | ■ |
| signal processing | processor Baumer FEX® 3.0 64 MByte | processor Baumer FEX® 3.0 64 MByte | processor Baumer FEX® 3.0 64 MByte | processor Baumer FEX® 3.0 64 MByte |
| communication serial | setting up USB 2.0 process interface RS 485 | setting up USB 2.0 process interface RS 485 | setting up USB 2.0 process interface RS 485 | setting up USB 2.0 process interface RS 485 |
| housing material | aluminum and polycarbonat | aluminum and polycarbonat | stainless steel 1.4404 | stainless steel 1.4404 |
| | | | | |
| Page | 518 | 519 | 520 | 521 |



| VXS 1003M10 | VXS 1003M16 | VXS 0501M10 |
|-------------|-------------|-------------|
|-------------|-------------|-------------|



| <i>VeriSens Series 1000</i> | <i>VeriSens Series 1000</i> | <i>VeriSens Series 500</i> |
|---------------------------------------|---------------------------------------|---------------------------------------|
| High Sensitive Progressive Scan CCD | High Sensitive Progressive Scan CCD | CMOS |
| 656 x 494 | 656 x 494 | 320 x 240 |
| 10 mm | 16 mm | 10 mm |
| 50 mm | 60 mm | 50 mm |
| ■ | ■ | - |
| ■ | ■ | ■ |
| processor Baumer FEX® 3.0 64 MByte | processor Baumer FEX® 3.0 64 MByte | processor Baumer FEX® 2.5 32 MByte |
| USB 2.0 | USB 2.0 | USB 2.0 |
| aluminum and polycarbonat | aluminum and polycarbonat | aluminum and polycarbonat |

| | | |
|------------|------------|------------|
| 522 | 523 | 524 |
|------------|------------|------------|



General information

The new image-processing vision sensors **VeriSens**[®] from Baumer close the gap between classical optical sensors and complex vision systems. Their high-resolution image sensor permits 2-dimensional, i.e. arial inspection of objects. For this purpose, **VeriSens**[®] vision sensors offer extensive functions, thus supporting numerous inspection tasks in automation technology.

Due to the innovative Baumer FEX[®] processor technology, Baumer **VeriSens**[®] vision sensors are characterized by an extremely compact design. They provide process reliability and user-friendliness unachieved in this class until today.

Applications

Completeness checking



Placement checking in the handling industry

The Baumer **VeriSens**[®] is a flexible solution for many sensor applications in automated production.

The **VeriSens**[®] offers an extensive library of pre-configured functions for this purpose. You can define the job of your **VeriSens**[®] according to your requirements. The parameters are simply set with the configuration software on a PC.

Presence checking

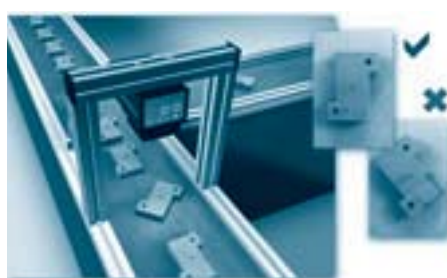


Seal checking and inspection of labels in the packaging industry

Within the shortest time you can reliably implement simple presence checks up to extensive 100 % inspections of several object properties simultaneously. Several jobs can be loaded into a **VeriSens**[®]. The current job is selected automatically via digital inputs by a PLC or manually by the operator. This also permits the switching between different jobs when changing products subjected to inspection.

Once the parameters have been set, the **VeriSens**[®] operates completely autonomously and reliably – just like a sensor should!

Location and position detection



Detection of the correct position of objects in material handling

Characteristics and advantages

- Pre-configured sensor functions support many inspection tasks
- Position correction functions in the x, y and rotation directions allow for reliable operation even with varying position of the inspected specimen
- Inspection tasks can be selected by digital inputs
- Compact design with integrated LED illumination, precision optics and processing electronics



Technology and operation

The *VeriSens*[®] is equipped with integrated LED illumination, precision optics, a CCD camera, processing electronics and interfaces, all contained in a very compact, rugged aluminum housing. This permits stand-alone operation without additional external modules.

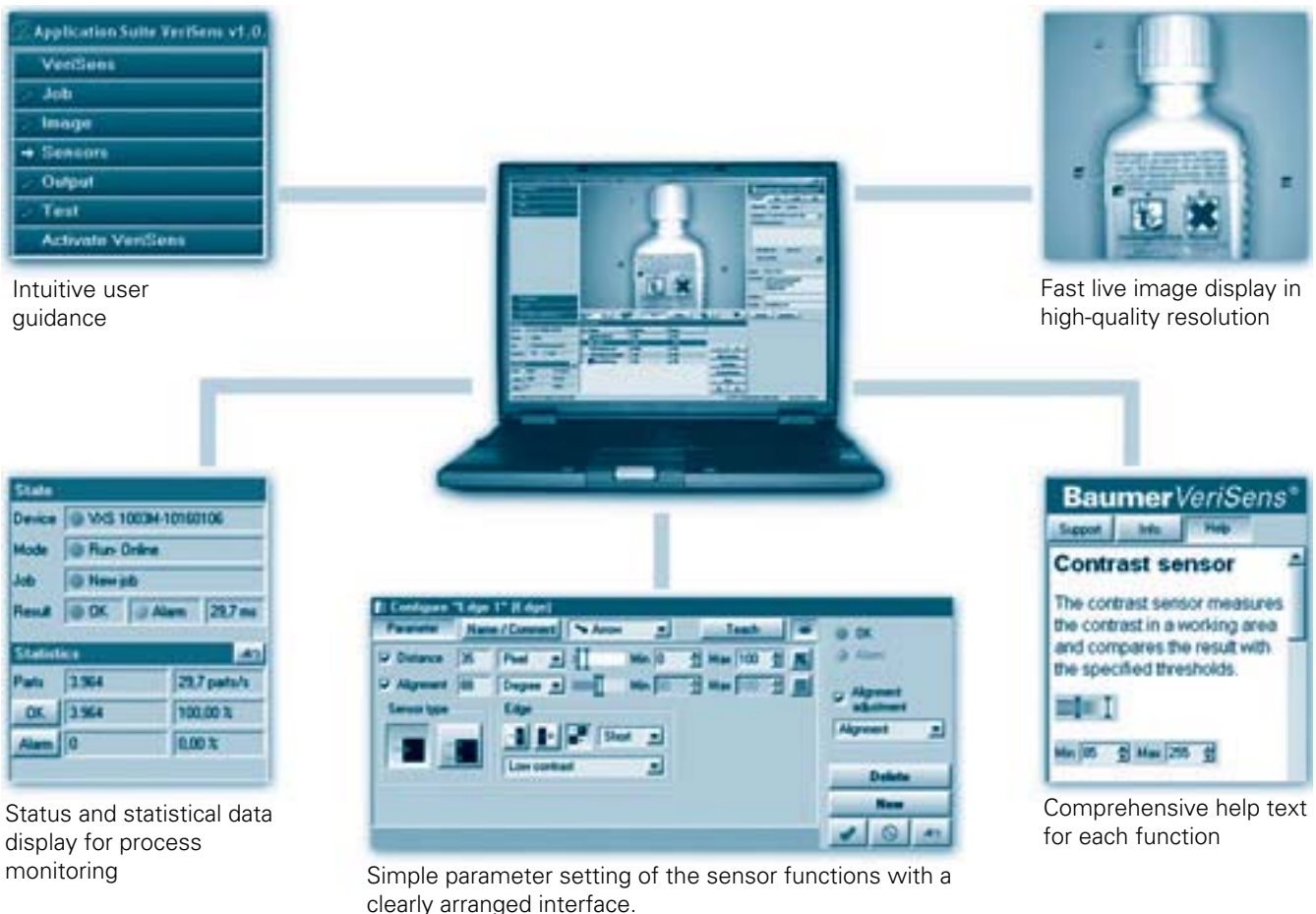
The Baumer FEX[®] image processor calculates all object contours in a grey-value image in real-time and with subpixel accuracy, even at minimum brightness contrast.

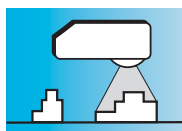
The *VeriSens* Application Suite

Configuring a *VeriSens*[®] vision sensor easily takes place with the "Application Suite" control program on a PC or laptop.

The graphical user interface of the Application Suite is characterized by a straightforward user guidance. It also provides intuitive support for people not specialized in setting up an image processing application. Apart from the actual inspection function, *VeriSens*[®] can also be connected conveniently to a PLC.

Numerous additional functions are available to the professional, such as functions otherwise offered by expensive vision systems only. These functions include the detection of image sequences in real-time for offline parameter setting of the sensors, the convenient management of configuration data, the visualization of statistical data and the evaluation of characteristic process parameters.





focal distance = 10 mm

- serial data interface
- reliable contour based analysis
- intuitive user interface

general data

| | |
|---------------------------|-------------------------------------|
| picture sensor | high sensitive progressive scan CCD |
| pixel quantity | 656 x 494 |
| version | monochromatic |
| speed | |
| high resolution mode: | max. 30 inspections/sec |
| high speed mode: | max. 50 inspections/sec |
| objectiv (focal distance) | 10 mm |
| min. object distance | 50 mm |

inspection field

| | |
|---------------------------|--------------|
| at 60 mm object distance | 24 x 18 mm |
| at 100 mm object distance | 43 x 32 mm |
| at 200 mm object distance | 92 x 69 mm |
| at 300 mm object distance | 140 x 106 mm |
| number of jobs (products) | up to 255 |
| features per job | 32 |

| | |
|----------------------|---|
| signal processing | processor Baumer FEX® 3.0 64 MByte |
| inputs | 8 ... 30 VDC |
| 4x input digital | trigger, job options 1 + 2, job option 3 / external Teach-in |
| 4x output digital | pass / fail, ready, alarm, flash sync |
| communication serial | setting up USB 2.0 process interface RS 485 |

electrical data

| | |
|--------------------------|--------------|
| voltage supply range +Vs | 8 ... 30 VDC |
| power consumption max. | typ. 6 W |

mechanical data

| | |
|------------------|----------------------------|
| width / diameter | 48 mm |
| height / length | 94 mm |
| depth | 49,5 mm |
| type | rectangular |
| housing material | aluminum and polycarbonate |
| weight | 250 g |

ambient conditions

| | |
|-----------------------|-----------------------------|
| operating temperature | +5 ... +50 °C |
| humidity | 0 ... 90 % (non-condensing) |
| protection class | IP 64 |

accessories

| | |
|--------------------------------------|----------|
| mounting bracket straight | 10159905 |
| mounting bracket angular | 10159906 |
| USB cable | 10159907 |
| VeriSens Application Suite CD | 10159908 |
| for details, see accessories section | |



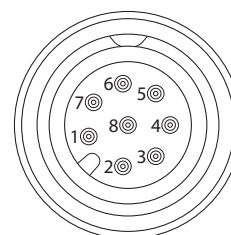
dimension drawing



PLC Interface

Type M12

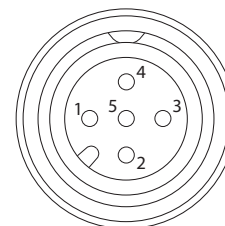
- 1: IN1 (trigger)
- 2: Power +24 VDC
- 3: OUT1 (ready)
- 4: OUT2 (pass / fail)
- 5: OUT3 (alarm)
- 6: IN2 (job)
- 7: Ground
- 8: IN3 (job)



PLC Interface

Type M12

- 1: OUT4 (flash)
- 2: IN4 (job / Teach)
- 3: Ground
- 4: RS 485+
- 5: RS 485-



connectors

| | | |
|---------------|-------|-------------------------|
| ESG 34FP0200B | 8 pin | 2 m straight (shielded) |
| ESG 34FP0500B | 8 pin | 5 m straight (shielded) |
| ES 34CP2B | 5 pin | 2 m straight (shielded) |
| ES 34CP5B | 5 pin | 5 m straight (shielded) |

additional cable connectors and field wireable connectors, see accessories

order reference

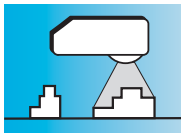
lighting

outputs

| | | |
|---------------|-----------------------|------------|
| VXS 1203M10RR | LED red (typ. 660 nm) | PNP 100 mA |
| VXS 1203M10WR | LED white | PNP 100 mA |

VXS 1203M10

Vision sensors VeriSens Series 1200



focal distance = 16 mm

- serial data interface
- reliable contour based analysis
- intuitive user interface



general data

| | |
|---------------------------|-------------------------------------|
| picture sensor | high sensitive progressive scan CCD |
| pixel quantity | 656 x 494 |
| version | monochromatic |
| speed | |
| high resolution mode: | max. 30 inspections/sec |
| high speed mode: | max. 50 inspections/sec |
| objectiv (focal distance) | 16 mm |
| min. object distance | 60 mm |

inspection field

| | |
|---------------------------|------------|
| at 60 mm object distance | 13 x 10 mm |
| at 100 mm object distance | 25 x 19 mm |
| at 200 mm object distance | 55 x 42 mm |
| at 300 mm object distance | 86 x 64 mm |
| number of jobs (products) | up to 255 |
| features per job | 32 |

| | |
|----------------------|---|
| signal processing | processor Baumer FEX® 3.0 64 MByte |
| inputs | 8 ... 30 VDC |
| 3x input digital | trigger, job options 1 + 2, job option 3 / external Teach-in |
| 3x output digital | pass / fail, ready, alarm, flash sync |
| communication serial | setting up USB 2.0 process interface RS 485 |

electrical data

| | |
|--------------------------|--------------|
| voltage supply range +Vs | 8 ... 30 VDC |
| power consumption max. | typ. 6 W |

mechanical data

| | |
|------------------|----------------------------|
| width / diameter | 48 mm |
| height / length | 94 mm |
| depth | 49,5 mm |
| type | rectangular |
| housing material | aluminum and polycarbonate |
| weight | 250 g |

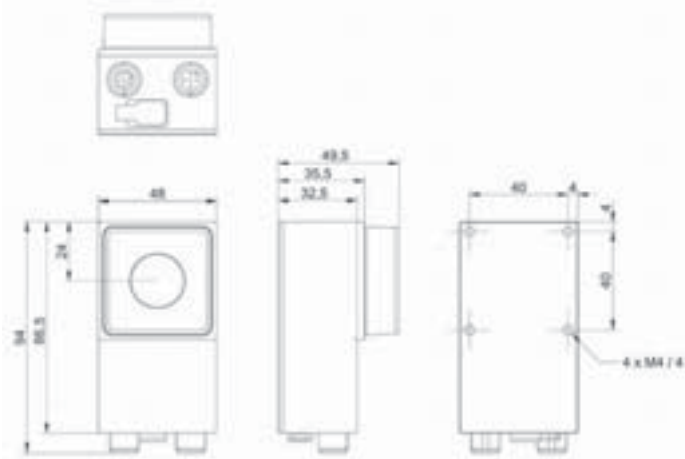
ambient conditions

| | |
|-----------------------|-----------------------------|
| operating temperature | +5 ... +50 °C |
| humidity | 0 ... 90 % (non-condensing) |
| protection class | IP 64 |

accessories

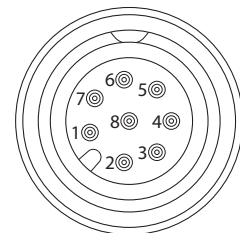
| | |
|--------------------------------------|----------|
| mounting bracket straight | 10159905 |
| mounting bracket angular | 11059906 |
| USB cable | 10159907 |
| VeriSens Application Suite CD | 10159908 |
| for details, see accessories section | |

dimension drawing



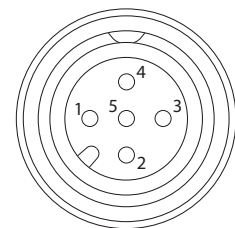
PLC Interface Type M12

- 1: IN1 (trigger)
- 2: Power +24 VDC
- 3: OUT1 (ready)
- 4: OUT2 (pass / fail)
- 5: OUT3 (alarm)
- 6: IN2 (job)
- 7: Ground
- 8: IN3 (job)



PLC Interface Type M12

- 1: OUT4 (flash)
- 2: IN4 (job / Teach)
- 3: Ground
- 4: RS 485+
- 5: RS 485-



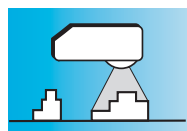
connectors

| | | |
|---------------|-------|-------------------------|
| ESG 34FP0200B | 8 pin | 2 m straight (shielded) |
| ESG 34FP0500B | 8 pin | 5 m straight (shielded) |
| ES 34CP2B | 5 pin | 2 m straight (shielded) |
| ES 34CP5B | 5 pin | 5 m straight (shielded) |

additional cable connectors and field wireable connectors, see accessories

order reference lighting outputs

| | | |
|----------------------|-----------------------|------------|
| VXS 1203M16RR | LED red (typ. 660 nm) | PNP 100 mA |
| VXS 1203M16WR | LED white | PNP 100 mA |



focal distance = 10 mm

- stainless steel vision sensor
- reliable contour based analysis
- intuitive user interface

general data

| | |
|---------------------------|-------------------------------------|
| picture sensor | high sensitive progressive scan CCD |
| pixel quantity | 656 x 494 |
| version | monochromatic |
| speed | |
| high resolution mode: | max. 30 inspections/sec |
| high speed mode: | max. 50 inspections/sec |
| objectiv (focal distance) | 10 mm |
| min. object distance | 50 mm |

inspection field

| | |
|---------------------------|--------------|
| at 60 mm object distance | 24 x 18 mm |
| at 100 mm object distance | 43 x 32 mm |
| at 200 mm object distance | 92 x 69 mm |
| at 300 mm object distance | 140 x 106 mm |
| number of jobs (products) | up to 255 |
| features per job | 32 |

| | |
|----------------------|---|
| signal processing | processor Baumer FEX® 3.0 64 MByte |
| inputs | 8 ... 30 VDC |
| outputs | PNP 100 mA |
| 4x input digital | trigger, job options 1 + 2, job option 3 / external Teach-in |
| 4x output digital | pass / fail, ready, alarm, flash sync |
| communication serial | setting up USB 2.0 process interface RS 485 |

electrical data

| | |
|--------------------------|--------------|
| voltage supply range +Vs | 8 ... 30 VDC |
| power consumption max. | typ. 6 W |

mechanical data

| | |
|----------------------|-----------------------------------|
| width / diameter | 55 mm |
| height / length | 101,4 mm |
| depth | 54,2 mm |
| type | rectangular |
| housing material | stainless steel 1.4404 |
| material cover glass | laminated safety glass SipleX VSG |
| weight | 670 g |

ambient conditions

| | |
|-----------------------|-----------------------------|
| operating temperature | +5 ... +50 °C |
| humidity | 0 ... 90 % (non-condensing) |
| protection class | IP 69K |

accessories

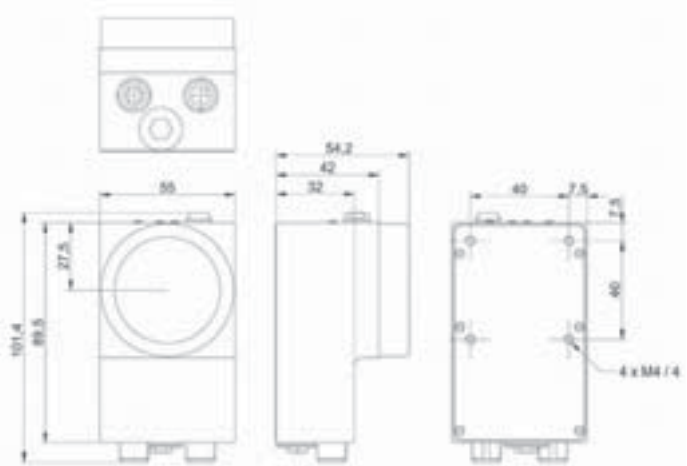
| | |
|--------------------------------------|----------|
| VeriSens Application Suite CD | 10159908 |
| for details, see accessories section | |

order reference **lighting**

| | |
|---------------|-----------|
| VXR 1203M10WR | LED white |
|---------------|-----------|

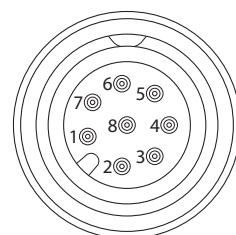


dimension drawing



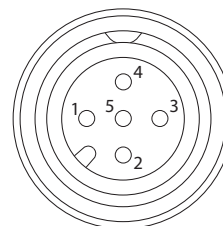
PLC Interface **Type M12**

- 1: IN1 (trigger)
- 2: Power +24 VDC
- 3: OUT1 (ready)
- 4: OUT2 (pass / fail)
- 5: OUT3 (alarm)
- 6: IN2 (job)
- 7: Ground
- 8: IN3 (Job)



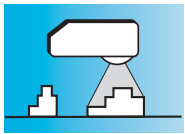
PLC Interface **Type M12**

- 1: OUT4 (flash)
- 2: IN4 (job / teach)
- 3: Ground
- 4: RS 485+
- 5: RS 485-



VXR 1203M10

Vision sensors VeriSens Series 1200-IP 69K



focal distance = 16 mm

- stainless steel vision sensor
- reliable contour based analysis
- intuitive user interface



general data

| | |
|---------------------------|-------------------------------------|
| picture sensor | high sensitive progressive scan CCD |
| pixel quantity | 656 x 494 |
| version | monochromatic |
| speed | |
| high resolution mode: | max. 30 inspections/sec |
| high speed mode: | max. 50 inspections/sec |
| objectiv (focal distance) | 16 mm |
| min. object distance | 60 mm |

inspection field

| | |
|---------------------------|------------|
| at 60 mm object distance | 13 x 10 mm |
| at 100 mm object distance | 25 x 19 mm |
| at 200 mm object distance | 55 x 42 mm |
| at 300 mm object distance | 86 x 64 mm |
| number of jobs (products) | up to 255 |
| features per job | 32 |

| | |
|----------------------|---|
| signal processing | processor Baumer FEX® 3.0 64 MByte |
| inputs | 8 ... 30 VDC |
| outputs | PNP 100 mA |
| 4x input digital | trigger, job options 1 + 2, job option 3 / external Teach-in |
| 4x output digital | pass / fail, ready, alarm, flash sync |
| communication serial | setting up USB 2.0 process interface RS485 |

electrical data

| | |
|--------------------------|--------------|
| voltage supply range +Vs | 8 ... 30 VDC |
| power consumption max. | typ. 6 W |

mechanical data

| | |
|----------------------|-----------------------------------|
| width / diameter | 55 mm |
| height / length | 101,4 mm |
| depth | 54,2 mm |
| type | rectangular |
| housing material | stainless steel 1.4404 |
| material cover glass | laminated safety glass Siplex VSG |
| weight | 670 g |

ambient conditions

| | |
|-----------------------|-----------------------------|
| operating temperature | +5 ... +50 °C |
| humidity | 0 ... 90 % (non-condensing) |
| protection class | IP 69K |

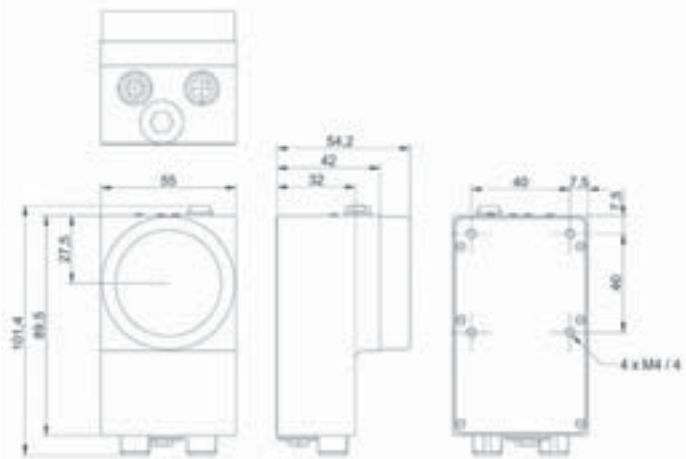
accessories

| | |
|--------------------------------------|----------|
| VeriSens Application Suite CD | 10159908 |
| for details, see accessories section | |

order reference **lighting**

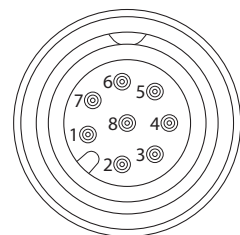
| | |
|----------------------|-----------|
| VXR 1203M16WR | LED white |
|----------------------|-----------|

dimension drawing



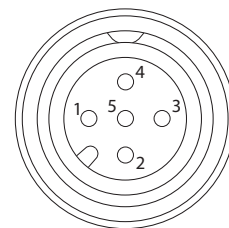
PLC Interface **Type M12**

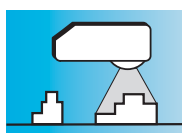
- | |
|-----------------------|
| 1: IN1 (trigger) |
| 2: Power +24 VDC |
| 3: OUT1 (ready) |
| 4: OUT2 (pass / fail) |
| 5: OUT3 (alarm) |
| 6: IN2 (job) |
| 7: Ground |
| 8: IN3 (job) |



PLC Interface **Type M12**

- | |
|----------------------|
| 1: OUT4 (flash) |
| 2: IN4 (job / Teach) |
| 3: Ground |
| 4: RS 485+ |
| 5: RS 485- |





focal distance = 10 mm

- extensive function library
- reliable contour based analysis
- intuitive user interface

general data

| | |
|---------------------------|-------------------------------------|
| picture sensor | high sensitive progressive scan CCD |
| pixel quantity | 656 x 494 |
| version | monochromatic |
| speed | |
| high resolution mode: | max. 30 inspections/sec |
| high speed mode: | max. 50 inspections/sec |
| objectiv (focal distance) | 10 mm |
| min. object distance | 50 mm |

inspection field

| | |
|---------------------------|--------------|
| at 60 mm object distance | 24 x 18 mm |
| at 100 mm object distance | 43 x 32 mm |
| at 200 mm object distance | 92 x 69 mm |
| at 300 mm object distance | 140 x 106 mm |
| number of jobs (products) | up to 255 |
| features per job | 32 |

| | |
|----------------------|--|
| signal processing | processor Baumer FEX® 3.0 64 MByte |
| inputs | 8 ... 30 VDC |
| 3x input digital | trigger, job options 1, job options 2 / external Teach-in |
| 3x output digital | pass / fail, ready alarm / flash sync |
| communication serial | USB 2.0 |

electrical data

| | |
|--------------------------|--------------|
| voltage supply range +Vs | 8 ... 30 VDC |
| power consumption max. | typ. 6 W |

mechanical data

| | |
|------------------|----------------------------|
| width / diameter | 48 mm |
| height / length | 94 mm |
| depth | 49,5 mm |
| type | rectangular |
| housing material | aluminum and polycarbonate |
| weight | 250 g |

ambient conditions

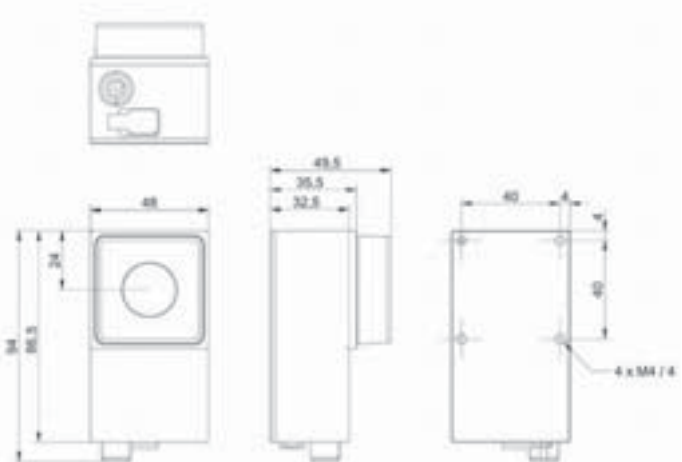
| | |
|-----------------------|-----------------------------|
| operating temperature | +5 ... +50 °C |
| humidity | 0 ... 90 % (non-condensing) |
| protection class | IP 64 |

accessories

| | |
|--------------------------------------|----------|
| mounting bracket straight | 10159905 |
| mounting bracket angular | 10159906 |
| USB cable | 10159907 |
| VeriSens Application Suite CD | 10159908 |
| for details, see accessories section | |

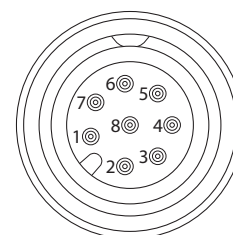


dimension drawing



PLC Interface Type M12

- 1: IN1 (trigger)
- 2: Power +24 VDC
- 3: OUT1 (ready)
- 4: OUT2 (pass / fail)
- 5: OUT3 (flash / alarm)
- 6: IN2 (job)
- 7: Ground
- 8: IN3 (job)

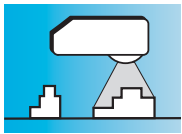


connectors

| | | |
|---------------|-------|--------------------------|
| ESG 34FP0200B | 8 pin | 2 m straight (shielded) |
| ESG 34FP0500B | 8 pin | 5 m straight (shielded) |
| ESG 34FP1000B | 8 pin | 10 m straight (shielded) |
| ESW 33FP1000B | 8 pin | 10 m angular (shielded) |

order reference lighting outputs

| | | |
|---------------|-----------------------|------------|
| VXS 1003M10RS | LED red (typ. 660 nm) | PNP 100 mA |
| VXS 1003M10WS | LED white | PNP 100 mA |



focal distance = 16 mm

- extensive function library
- reliable contour based analysis
- intuitive user interface



general data

| | |
|---------------------------|-------------------------------------|
| picture sensor | high sensitive progressive scan CCD |
| pixel quantity | 656 x 494 |
| version | monochromatic |
| speed | |
| high resolution mode: | max. 30 inspections/sec |
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| objectiv (focal distance) | 16 mm |
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inspection field

| | |
|---------------------------|------------|
| at 60 mm object distance | 13 x 10 mm |
| at 100 mm object distance | 25 x 19 mm |
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| at 300 mm object distance | 86 x 64 mm |

| | |
|---------------------------|--|
| number of jobs (products) | up to 255 |
| features per job | 32 |
| signal processing | processor Baumer FEX® 3.0 64 MByte |
| inputs | 8 ... 30 VDC |
| 3x input digital | trigger, job options 1, job options 2 / external Teach-in |
| 3x output digital | pass / fail, ready alarm / flash sync |
| communication serial | USB 2.0 |

electrical data

| | |
|--------------------------|--------------|
| voltage supply range +Vs | 8 ... 30 VDC |
| power consumption max. | typ. 6 W |

mechanical data

| | |
|------------------|----------------------------|
| width / diameter | 48 mm |
| height / length | 94 mm |
| depth | 49,5 mm |
| type | rectangular |
| housing material | aluminum and polycarbonate |

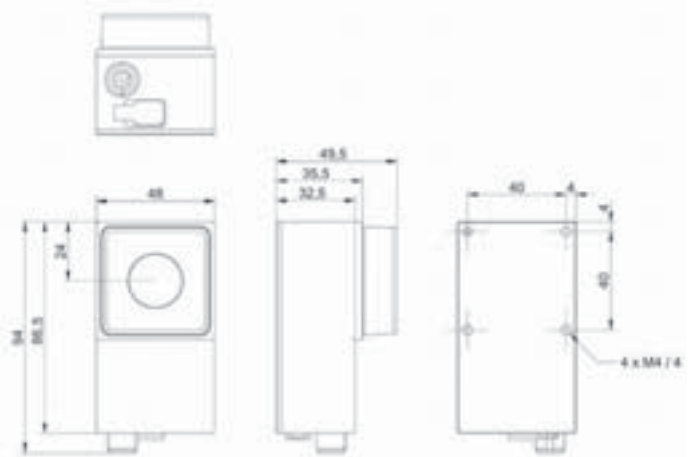
ambient conditions

| | |
|-----------------------|-----------------------------|
| operating temperature | +5 ... +50 °C |
| humidity | 0 ... 90 % (non-condensing) |
| protection class | IP 64 |

accessories

| | |
|--------------------------------------|----------|
| mounting bracket straight | 10159905 |
| mounting bracket angular | 10159906 |
| USB cable | 10159907 |
| VeriSens Application Suite CD | 10159908 |
| for details, see accessories section | |

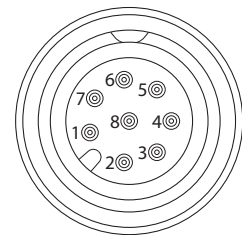
dimension drawing



PLC Interface

Type M12

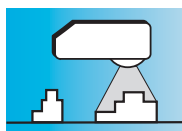
- 1: IN1 (trigger)
- 2: Power +24 VDC
- 3: OUT1 (ready)
- 4: OUT2 (pass / fail)
- 5: OUT3 (flash / alarm)
- 6: IN2 (job)
- 7: Ground
- 8: IN3 (job)



connectors

| | | |
|---------------|-------|--------------------------|
| ESG 34FP0200B | 8 pin | 2 m straight (shielded) |
| ESG 34FP0500B | 8 pin | 5 m straight (shielded) |
| ESG 34FP1000B | 8 pin | 10 m straight (shielded) |
| ESW 33FP1000B | 8 pin | 10 m angular (shielded) |

| order reference | lighting | outputs |
|-----------------|-----------------------|------------|
| VXS 1003M16RS | LED red (typ. 660 nm) | PNP 100 mA |
| VXS 1003M16WS | LED white | PNP 100 mA |



focal distance = 10 mm

- fast position correction
- reliable contour based analysis
- intuitive user interface

general data

| | |
|---------------------------|-------------------------|
| picture sensor | CMOS |
| pixel quantity | 320 x 240 |
| version | monochromatic |
| speed | max. 50 inspections/sec |
| objectiv (focal distance) | 10 mm |
| min. object distance | 50 mm |

inspection field

| | |
|---------------------------|---------------------------------------|
| at 60 mm object distance | 19 x 14 mm |
| at 100 mm object distance | 35 x 26 mm |
| at 200 mm object distance | 73 x 55 mm |
| at 300 mm object distance | 111 x 84 mm |
| number of jobs (products) | 4 |
| features per job | 5 |
| signal processing | processor Baumer FEX® 2.5 32 MByte |

| | |
|-------------------|--|
| inputs | 8 ... 30 VDC |
| 3x input digital | trigger, job options 1 + 2 |
| 3x output digital | pass / fail, ready alarm / flash sync |

| | |
|----------------------|---------|
| communication serial | USB 2.0 |
|----------------------|---------|

electrical data

| | |
|--------------------------|--------------|
| voltage supply range +Vs | 8 ... 30 VDC |
| power consumption max. | typ. 6 W |

mechanical data

| | |
|------------------|----------------------------|
| width / diameter | 48 mm |
| height / length | 94 mm |
| depth | 49,5 mm |
| type | rectangular |
| housing material | aluminum and polycarbonate |
| weight | 250 g |

ambient conditions

| | |
|-----------------------|-----------------------------|
| operating temperature | +5 ... +50 °C |
| humidity | 0 ... 90 % (non-condensing) |
| protection class | IP 64 |

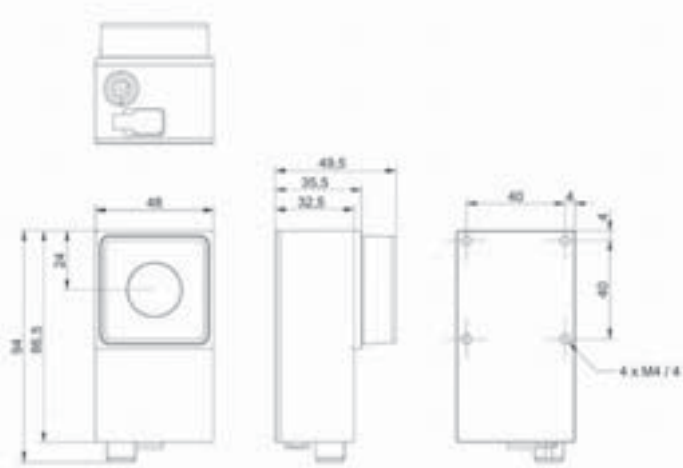
accessories

| | |
|-------------------------------|----------|
| mounting bracket straight | 10159905 |
| mounting bracket angular | 10159906 |
| USB cable | 10159907 |
| VeriSens Application Suite CD | 10159908 |

for details, see accessories section

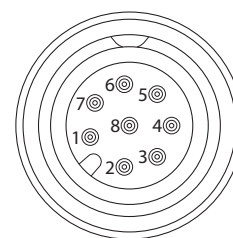


dimension drawing



PLC Interface Type M12

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order reference lighting outputs

| | | |
|----------------------|-----------|------------|
| VXS 0501M10WS | LED white | PNP 100 mA |
|----------------------|-----------|------------|

VXS 0501M10

Vision sensors VeriSens Series 500

