



MODULE
BCC
 Bar Code Check

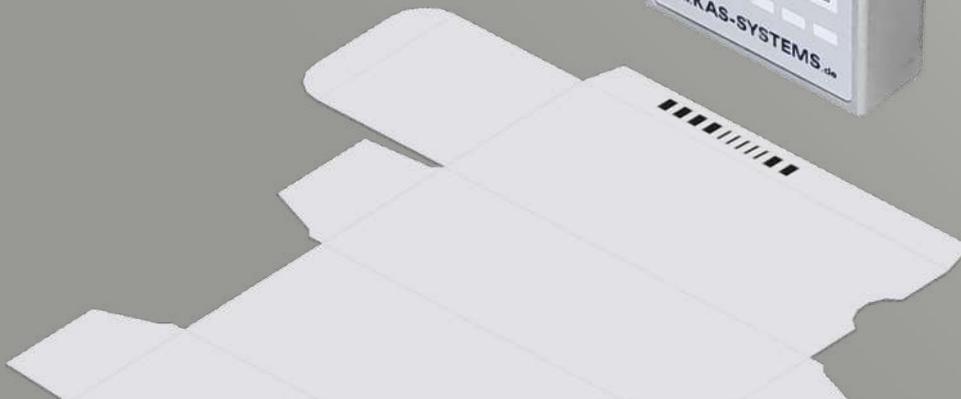
KAS[®]



BCC200
 color code sensor



BCC100
 black & white sensor



www.TOPGUARD.tech

BCC Bar Code Check

Sensor BCC100 for black & white codes
 Sensor BCC200 for color codes

Bar Code Check

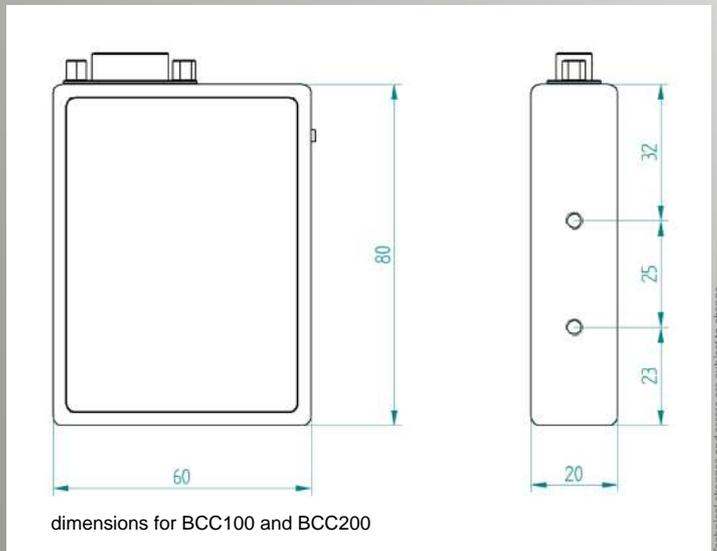
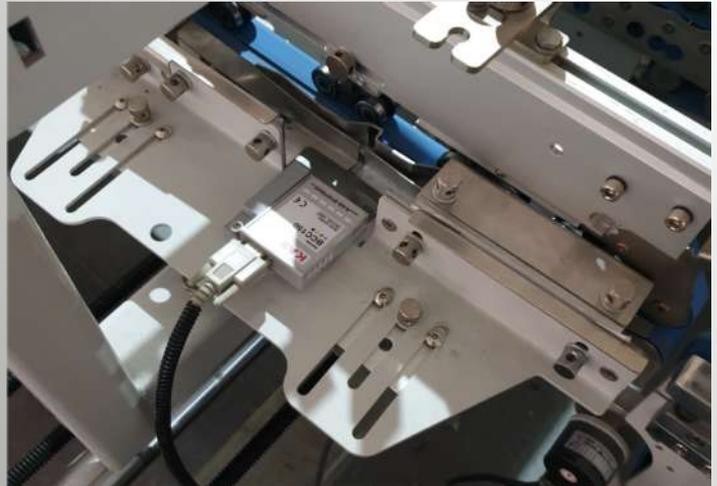
Bar code check becomes more and more important in box production. First introduced in the pharmaceutical industry in order to guarantee error free production it is now a standard in overall box production. While in the pharmaceutical industry even simple printing mistakes can result in serious health problems at the customer side, in FMCG such mistakes may result in customer irritation, distrust and disappointment with the product. Another problem is that wrong cartons disturb the flow of the end of line production. The sensors BCC100 and BCC200 were developed in order to guarantee maximum safety, while checking pharmaceutical codes, Kurandt codes, 123 codes or any free running codes. The sensor BCC100 was especially developed for detecting black and white codes. The sensor BCC200 can detect black and white codes and color codes. Even small color bars can be detected at high machine speed.

BCC100

- ✓ sensor for detecting black and white bar codes
- ✓ built-in most modern digital signal processor
- ✓ fastest cycle time of only 30 microseconds
- ✓ usable for checking longitudinal and transversal cutting tolerances
- ✓ very small measuring spot of 0.4 x 2.5mm
- ✓ built-in start sensor for carton detection
- ✓ usable for pharma code, Kurandt code, 123 code and any free running code
- ✓ up to 16 bit code width

BCC200

- ✓ sensor for detecting black and white and color bar codes
- ✓ detecting color in small and wide bars
- ✓ built-in most modern digital signal processor
- ✓ fastest cycle time of only 30 microseconds
- ✓ usable for checking longitudinal and transversal cutting tolerances
- ✓ very small measuring spot of 0.4 x 2.5mm
- ✓ built-in start sensor for carton detection
- ✓ usable for pharma code, Kurandt code, 123 code and any free running code
- ✓ up to 16 bit code width



TECHNICAL DATA	BCC100	BCC200
supply voltage	24 VDC	24 VDC
protection class	IP54	IP54
measuring distance	42 mm	42 mm
measuring spot	0,4 x 2,5 mm	0,4 x 2,5 mm
cycle time	20 µs	30 µs
code type	black & white	color

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KAS GmbH

An der Lehmkuhle 8
37359 KUELLSTEDT

Tel. +49 36075 589390

Tel. +49 36075 589391

Fax +49 36075 589392

email info@KAS-SYSTEMS.de

web www.KAS-SYSTEMS.de

BCC Bar Code Check

Sensor BCC100 for black & white codes

Sensor BCC200 for color codes