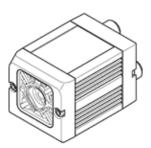
color sensor SBSI-F-R3C-F12-W

Part number: 8058732 Product to be discontinued

With integrated lens (f = $12\,$ mm), white LED lighting and Ethernet interface and PROFINET, for various tasks such as checking for presence and quality inspection, expanded function.

Type to be discontinued. Available until 2024. See Support Portal for alternative products.



Data sheet

Vision sensor version Ce symbol (see declaration of conformity) according to EU-EMV guideline	Feature	Value
KC mark	Vision sensor version	Color sensor
Authorization RCM Mark c UL us - Listed (OU) Operating distance 30 mm - Infinite Focal depth Fled of vision Min. 8 x 6 mm Focus setting With adjusting screw Users attachment Lens attachment Lighting type Integrated Type of light Very Color Sensor type Color Sensor type Color Sensor tesolution 736 x 480 pixels (WideVGA) Image rate (frame) Max. number of test programs/jobs Max. number of test criterial/detectors Function of detectors/characteristics Position tracking: 30 ms Colour surface Typical cycle time Position tracking: 30 ms Contrast: 2 ms Brightness: 2 ms Grey value threshold: 2 ms Vernier caliper: 12 ms BIOB: 50 ms Colour value: 2 ms Colour value: 30 ms Colour value: 4-pin Ethernet, data transmission speed Ethernet, supported protocols Ethernet/IP FTP	CE symbol (see declaration of conformity)	according to EU-EMV guideline
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FTP		
		PROFINET
SMB		
TCP/IP		





Feature	Value
Serial interface, type	RS 232 / RS 422
Electrical connection	12-pin
	M12
	Plug
Number of digital inputs	2
Number of digital outputs	2
Number of selectable digital inputs/outputs	2
Switching input	PNP/NPN, switchable
Switching level	Signal 0: <= 3 V
	Signal 1: >= UB - 1 V
Switch output	PNP/NPN, switchable
Max. output current	50 mA
Short circuit strength	for all electrical connections
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	-25 % / +10 %
Max. current consumption	550 mA
Current consumption with load-free outputs	200 mA
Ambient temperature	0 50 °C
Storage temperature	-20 60 °C
Protection class	IP67
Dimensions W x L x H	45 mm x 45 mm x 76,7 mm
Product weight	160 g
Material housing	Anodised wrought aluminium alloy
Material cover	ABS-reinforced
Materials note	Conforms to RoHS
Vibration resistance	as per EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN
	60068-2-27