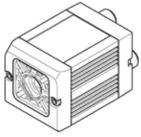
color sensor SBSI-F-AF-R3C-F6-W

Part number: 8058733 Product to be discontinued

With integrated lens ($f = 6 \, \text{mm}$), white LED lighting, Ethernet interface, RS 232 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 Color sensor CE symbol (see declaration of conformity) according to EU-EMV guideline (C mark (CE-WW Authorization RCM Mark Operating distance 6 mm - infinite Focal depth 6 mm Focal depth 6 mm Focal setting With adjusting screw Lens attachment Built in optical devices Lighting type Integrated Type of light white LED Color Sensor type color Sensor totes (frame) 40 fps Max, number of test criteria/detectors 255 Max, number of test criteria/detectors 255 Function of detectors/characteristics Position tracking via contour Pattern matching Color value Color surface Color value Color value Color value Color value Color val	Feature	Value
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FESTO

FESTO

Feature	Value
Information on Ethernet, connection technology	Socket
	M12
	4-pin
Ethernet, data transmission speed	100 Mbit/s
Ethernet, supported protocols	Ethernet/IP
	FTP
	PROFINET
	SMB
	TCP/IP
Serial interface, connection technology	Plug
	M12
	5-pin
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	4
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