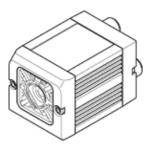
## Object Sensor SBSI-Q-AF-R3B-F6-W Part number: 8058724 Product to be discontinued

Monochrome object sensor with integrated lens (f = 6 mm), white LED lighting and 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**

Feature	Value	
Vision sensor version	Object sensor	
CE symbol (see declaration of conformity)	according to EU-EMV guideline	
KC mark	KC-EMV	
Authorization	RCM Mark	
	c UL us - Listed (OL)	
Operating distance	6 mm - infinite	
Focal depth	6 mm	
Field of vision	Min. 5 x 4 mm	
Focus setting	With adjusting screw	
Lens attachment	Built-in optical devices	
Lighting type	Integrated	
Type of light	white	
	LED	
Sensor type	monochrome	
Sensor resolution	736 x 480 pixels (WideVGA)	
Image rate (frame)	50 fps	
Max. number of test programs/jobs	255	
Max. number of test criteria/detectors	255	
Function of detectors/characteristics	Position tracking via contour	
	Pattern matching	
	Contour matching	
	Edge detection	
	Contrast	
	Brightness	
	Grey value threshold	
	Vernier caliper	
	BLOB	
Typical cycle time	Position tracking: 30 ms	
	Pattern matching: 20 ms	
	Contour matching: 30 ms	
	Contrast: 4 ms	
	Brightness: 2 ms	
	Grey value threshold: 4 ms	
	Vernier calliper: 8 ms	
	BLOB: 30 ms	
Information on Ethernet, connection technology	Socket	
	M12	
	4-pin	
Ethernet, data transmission speed	100 Mbit/s	
Ethernet, supported protocols	Ethernet/IP	





Feature	Value
	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
Note on degree of protection	With protective tube
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