

Photoelectric Sensor BOWA 0808-PS-C-S49 Sn=mm Optical Window

Common Data

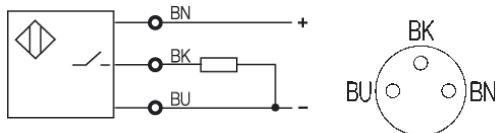
Series	BOWA
Sensortype	Optical Window
Switching frequency	3...100 Hz adjustable
Indication Supply Voltage	yes, green LED
Indication Switching element on	yes, red LED
Ambient temperature	-10...+55°C
On-delay	0,2ms
Off-delay	80µs
Light	Infrared
Sensitivity Adjustment	Poti
Diameter of active zone	Active Window 80x80mm
Permissible ambient light	2000 Lux
Output function	dark-on

Mechanical Data

Measurements	130x130x18
Housing material	anodized aluminium
Material of sensing face	PMMA
Degree of protection	IP65
Connection	Connector S49 (M8,3-pin)
Weight	400g
Recommended connector	BKS-B 48/BKS-B 49

Electrical Data

Current	DC
Switching function	normally-open
Output	PNP
Rated operational voltage U_e	24V DC
Rated operational current I_e	200mA
Supply Voltage	10...30V DC
Frequency of Supply Voltage	DC
No-load supply current	<125mA
Voltage drop	<3,5V
Short protection	yes
Protected against polarity reversal	yes
Rated insulation voltage	75V DC
max. Load capacity	0,1µF



Utilization categories
Insulation class

Datasheet number:

Definitions see general catalog.
If not otherwise noted, ratings according to
IEC 60947-5-2 (DIN EN60947-5-2)

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