

Photoelectric Sensor BOS 36K-PA-1HD-S 4-C Sn=500mm Diffuse, Background suppression

Common Data

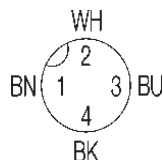
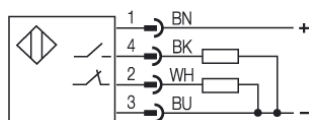
Series	36K
Sensortype	Diffuse, Background suppression
Switching frequency	500 Hz
Rated operating distance Sn in mm	500
asured operating distance Sa	adjustable
Indication Supply Voltage	yes, green LED
Indication Switching element on	yes, yellow LED
Indication Special funktion	Contamination indicator, green
LED	
Ambient temperature	-20...+60°C
On-delay	1ms
Off-delay	<0,5ms
Light	Red light
Sensitivity Adjustment	Teach in
Permissable ambient light	5000 Lux
Output function	light-on or dark-on

Mechanical Data

Measurements	65x55x20
Housing material	ABS impact resistant
Material of sensing face	PMMA
Degree of protection	IP66
Connection	Connector S4 (M12)
Connection turnable	Connector 270° turnable
Weighth	130g
Recommended connector	BKS-S20-3

Electrical Data

Current	DC
Switching function	NO/NC
Output	PNP
Rated operational voltage Ue	24V DC
Rated operational current Ie	200mA
Supply Voltage	10...30V DC
Ripple	< 10% from UB
Frequency of Supply Voltage	DC
No-load supply current	<50mA
Voltage drop	<2V
Short protection	yes
Protected against polarity reversal	yes
Rated insulation voltage	250V AC
max. Load capacity	0,33µF



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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