

# Photoelectric Sensor BLS 15K-R-G5-S 75 Sn=5000mm Thru-Beam

## Common Data

Sensortype	Thru-Beam
Rated operating distance Sn in mm	5000
asured operating distance Sa	80% from Sn
Repeat accuracy	< 5% from Sn
Hysteresis	< 20%
Indication Supply Voltage	yes, green LED
Indication Switching element on	no
Indication Special funktion	no
Ambient temperature	-15...+55°C
Light	Infrared
Blind zone / min Reflector distance	0
Special function	Test input

## Mechanical Data

Measurements	29x52x13
Shock	Halfsinus, 30gn, 11ms
Vibration	10...55Hz, 1,5mm Amplitude 3x2h
Housing material	ABS UL 94 V-O
Material of sensing face	PMMA
Degree of protection	IP66
Connection	Connector S75 (M8,4-pin)
Weigth	30g

## Electrical Data

Current	DC
Rated operational voltage Ue	24V DC
Supply Voltage	10...30V DC
Ripple	max. 6% from UB
Frequency of Supply Voltage	DC
Protected against polarity reversal	no
Rated insulation voltage	75V DC



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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Datenblatt by CD-ROM - 10/2004

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