



Photoelectric Sensor BLS 25K-5-G5-S 4 Sn=5000mm through-beam

Common Data

Series	25K
Sensortype	through-beam
Rated operating distance Sn in mm	5000
Repeat accuracy	< 5% from Sn
Hysteresis	< 10%
Indication Supply Voltage	yes, green LED
Indication Switching element on	yes, red LED
Ambient temperature	-15...+55°C
On-delay	-
Off-delay	-
Light	Infrared
Blind zone / min Reflector distance	-/0
Special function	Test input

Mechanical Data

Measurements	50x50x16
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	IP65
Connection	Connector S4 (M12)
Weigth	80g

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	yes
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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