

# Photoelectric Sensor BOS 21M-XT-IS11-S4 Sn=20000mm through-beam

## Common Data

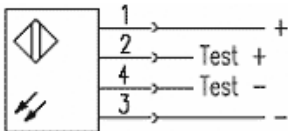
Series	21M
Sensortype	through-beam
Rated operating distance Sn in mm	20000
asured operating distance Sa	0...20000
Indication Supply Voltage	yes, green LED
Indication Switching element on	no
Indication Special funktion	no
Ambient temperature	-25...+55°C
Off-delay	< 1ms
Light	infrared light

## Mechanical Data

Measurements	50x42,5x15
Shock	Halfsinus, 30gn, 11ms
Vibration	55Hz, 1mm Amplitude 3x30Min
Housing material	Gd-Zn, Epoxy-coated
Material of sensing face	PMMA
Degree of protection	IP67
Connection	Connector S4 (M12)
Weigth	80g

## Electrical Data

Current	DC
Rated operational voltage Ue	24V DC
Supply Voltage	10...30V DC
Ripple	< 15% from UB
Frequency of Supply Voltage	DC
No-load supply current	<35mA
Protected against polarity reversal	yes
Rated insulation voltage	75VDC



Utilization categories  
Insulation class

DC 13  
II

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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